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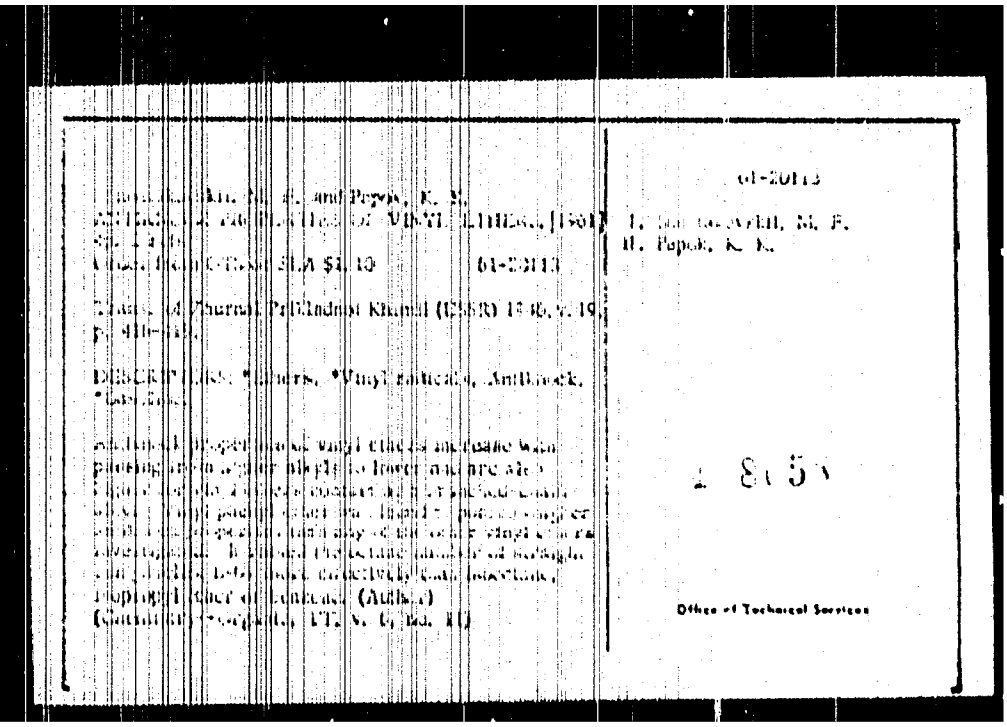

61-20113

I. [illegible], M. F.
II. Popok, K. K.

Office of Technical Services

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Tsyskovskii, V.
SYNTHESIS OF FATTY ACIDS FROM FRACTIONS OF PETROLATUM. [1961] 7p. 5 refs.
Order from OTS or SLA $1.10 61-20114

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1946, v. 19, p. 428-434.

DESCRIPTORS: Hydrocarbons, Oxidation, *Fatty acids, Acids, Synthesis.

Previous attempts to use petrolatum as a raw material for oxidation to acids to be used for the manufacture of greases were unsatisfactory, because of the unsuitability of the molecular weights of a substantial portion of the charging stock and its contents of isoparaffins. Conditions of distillation were found during which isoparaffins contained in petrolatum are for the most part broken down into straight chain paraffins. Fractions of the material amounting to up (Chemistry--Organic, TT, v. 7, no. 10) (over)

61-20114

1. Title: Petrolatum
I. Tsyskovskii, V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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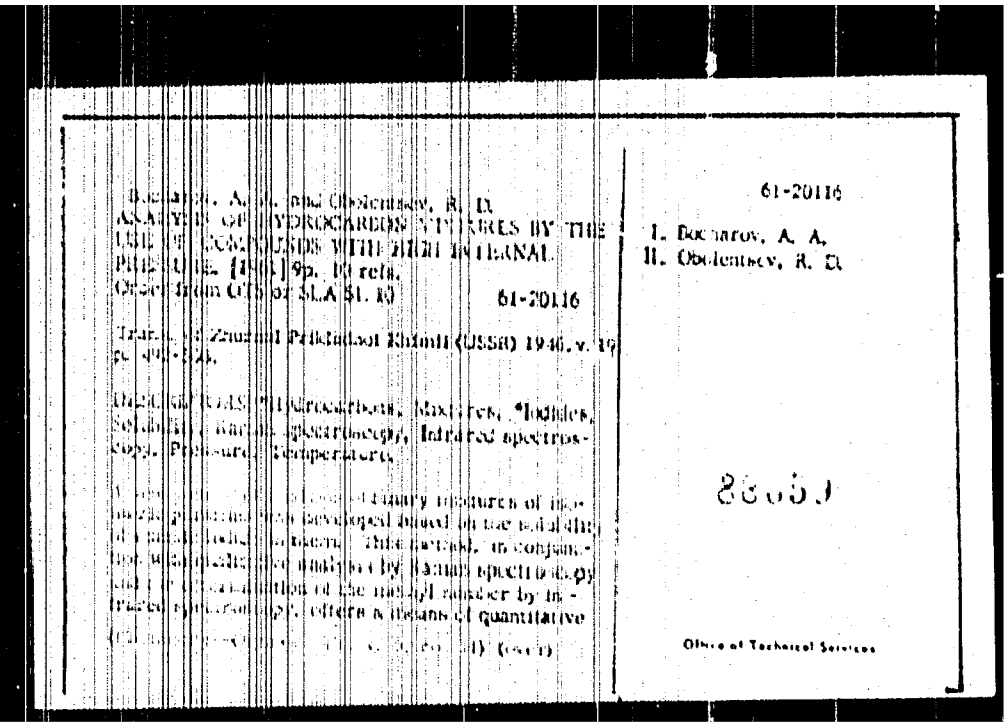

Doc[illegible], A. A., and Obolentsev, R. D.
ANALYSIS OF HYDROCARBON MIXTURES BY THE
USE OF [illegible] WITH HIGH MOLECULAR
PUB. [illegible] 9p. 10 refs.
Obolentsev, R. D. 61-20116

Translation of Zavodskaya Laboratoriya (USSR) 1946, v. 12, pp. [illegible].

DIVISION: Hydrocarbons, Mixtures, *Iodides, Solubility, Raman spectroscopy, Infrared spectroscopy, Pressure, Temperature.

[illegible] preliminary treatment of [illegible] developed based on the solubility of [illegible] in concentrated sulfuric acid, in conjunction with [illegible] determined by Raman spectroscopy and [illegible] of the mixture by infrared spectroscopy, offers a means of quantitative [illegible]

61-20116

I. Docharov, A. A.
II. Obolentsev, R. D.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Reaction of Niobium and Tantalum With Polyphenols,
by Yu. V. Karpkin and F. M. Telesheitova.

Full translation.

RUSSIAN, per. Zhur Prik Khim, Vol XIX, No 4, USSR,
1946, pp 435-439.

ABC Tr 1279

Scientific - Chemistry

Jun 52 CFS DEK

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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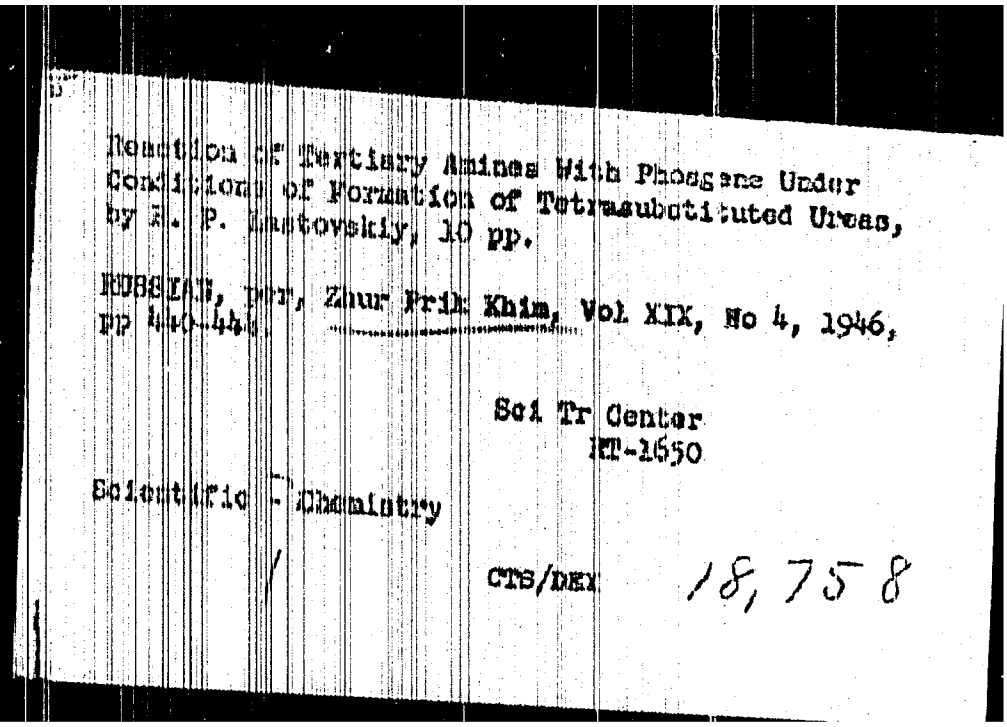

Reaction of Tertiary Amines With Phosgene Under Conditions of Formation of Tetrasubstituted Ureas, by Z. P. Lantovskiy, 10 pp.

RUSSIAN, Zhur Prik Khim, Vol XIX, No 4, 1946, pp 440-444

Sci Tr Center
RT-1650

Scientific - Chemistry

CTS/DEX 18,758

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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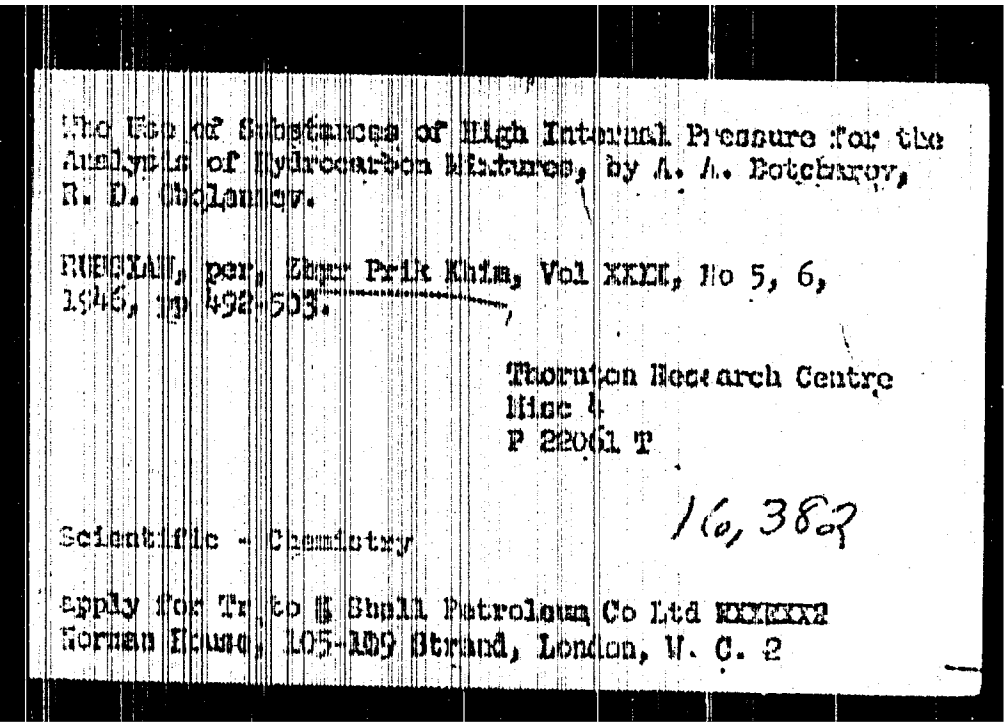

The Use of Substances of High Internal Pressure for the Analysis of Hydrocarbon Mixtures, by A. A. Botchkarev, B. D. Cholomey.

RUSSIAN, per, Zhur Prik Khim, Vol XXII, No 5, 6, 1948, pp 492-503.

Thornton Research Centre
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P 2206 T

16,382

Scientific - Chemistry

Apply for Trans to Shell Petroleum Co Ltd
Norman House, 105-109 Strand, London, W. C. 2

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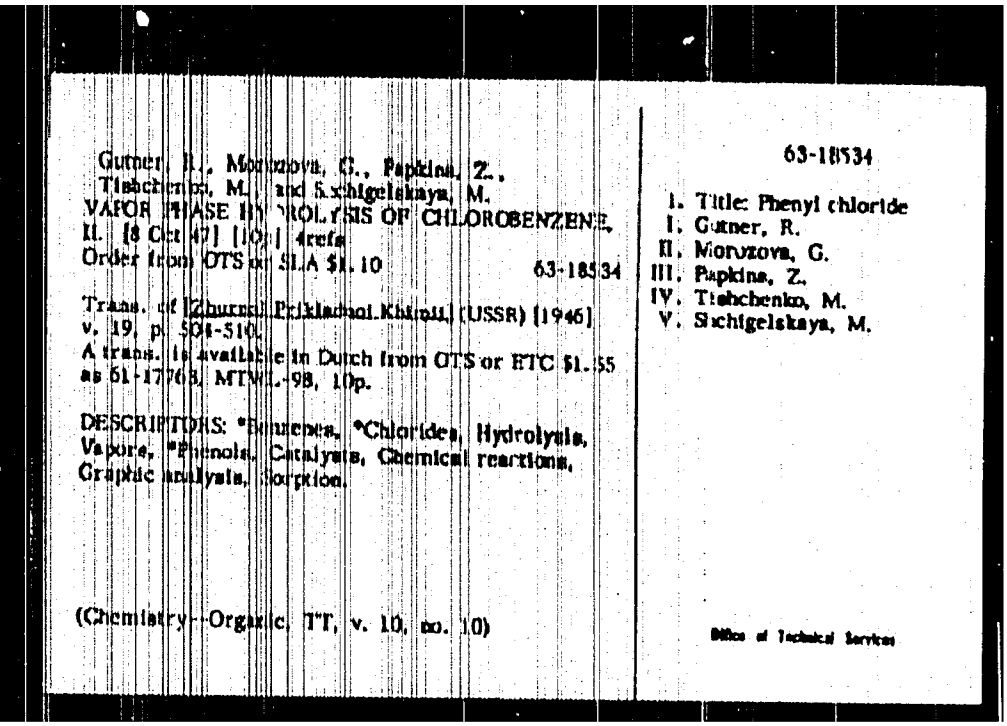

Gutner, R., Morozova, G., Papkina, Z., Tishchenko, M., and Sichigelskaya, M.
VAPOR PHASE HYDROLYSIS OF CHLOROBENZENE.
II. [8 Oct 47] [10p.] 4refs
Order from OTS or SLA $1.10 63-18534

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) [1946]
v. 19, p. 501-510.
A trans. is available in Dutch from OTS or ETC $1.55
as 61-17768, MTWL-98, 10p.

DESCRIPTORS: *Benzene, *Chlorides, Hydrolysis, Vapors, *Phenols, Catalysis, Chemical reactions, Graphic analysis, Sorption.

(Chemistry--Organic, TT, v. 10, no. 10)

63-18534

I. Title: Phenyl chloride
I. Gutner, R.
II. Morozova, G.
III. Papkina, Z.
IV. Tishchenko, M.
V. Sichigelskaya, M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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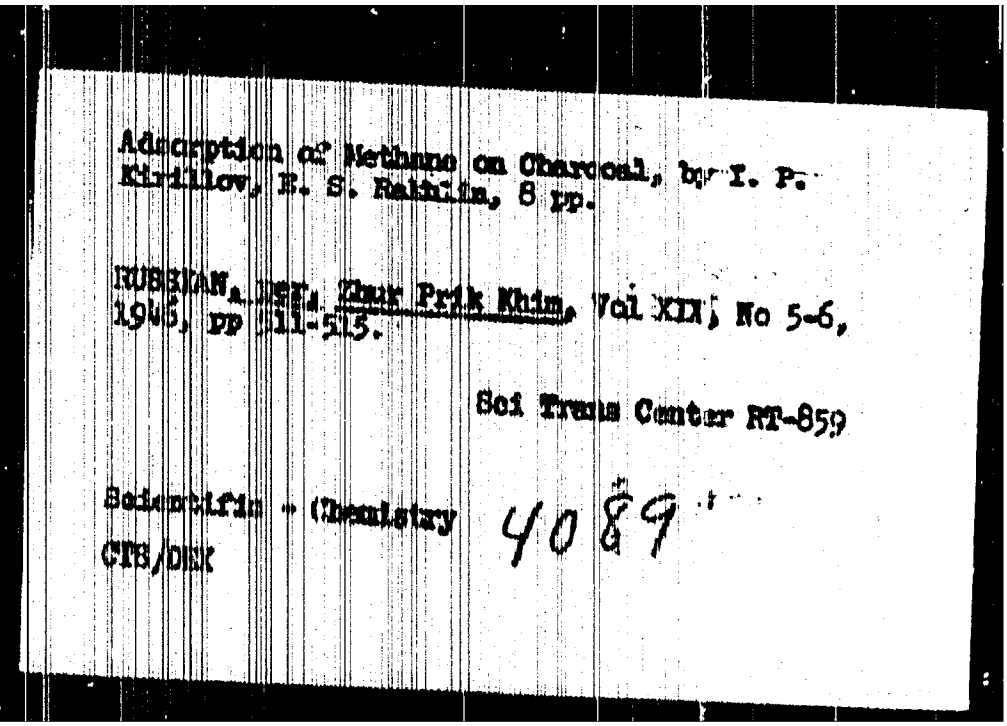

Adsorption of Methane on Charcoal, by I. P. Kirillov, F. S. Rakhlin, 8 pp.

RUSSIAN, USSR, Zhur Prik Khim, Vol XIX, No 5-6, 1946, pp 511-515.

Sci Trans Center RT-859

Sodomchin - Chemistry 4089

CTB/DLK

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Deformation Properties of Thickeners, by M. G. Shikher

RUSSIAN, per, Zhur Prik Khim, Vol XIX, No 5/6, 1946, pp 542-552.

Assoc Tech Sr RJ-473
$13.80

42,177

Sci -- Chemistry
Jan 57 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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S-176/60 (M 819)

High-Speed Oxidizing Gasification of Benzine, by N. I. Demant'yeva, M. A. Rivin, D. M. Rudkovskiy, 38 pp.

RUSSIAN, pub, Zhur Prik Khim, Vol XIX, No 7, 1946, pp 642-650.

JPRS 5506

Sci - Chem

Oct 60

105, 300

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Mechanism of Corrosion of Iron by Sulfur,
by P. V. Gel'd, O. A. Esin

RUSSIAN, mo per, Zhur Prik Khim, Vol 19,
No 7, 1946, pp 678-83

Brutcher No 3186
$4.40

Scientific - Min/Metals, Chemistry
Feb 56 CTS/dex

31,235

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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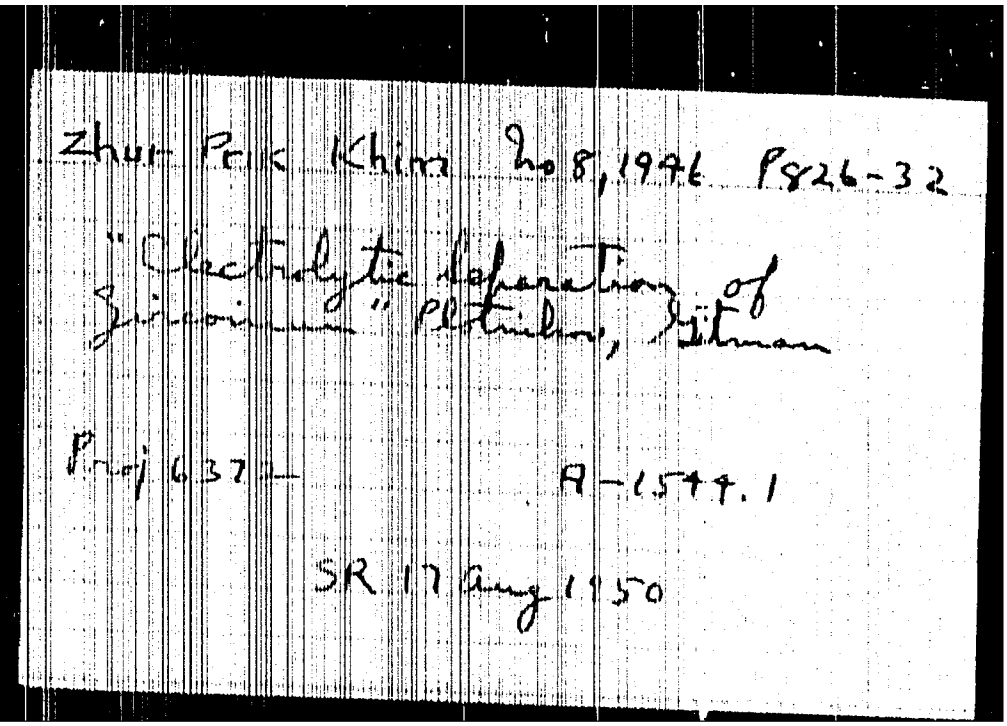

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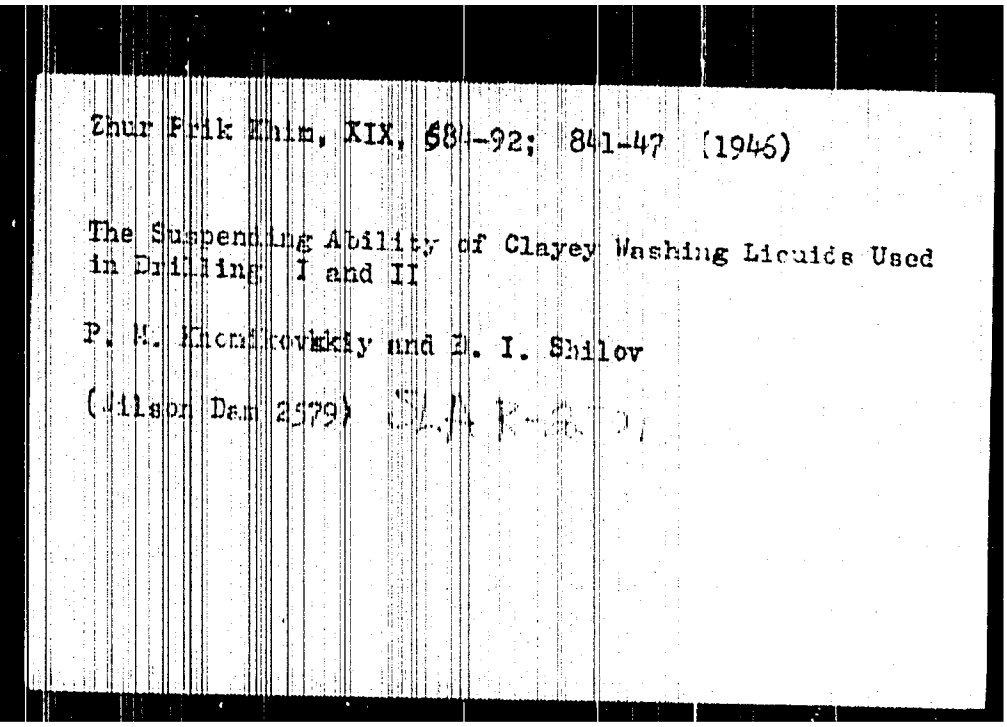

Zhur Prik Khim, XIX, 681-92; 841-47 (1946)

The Suspending Ability of Clayey Washing Liquids Used in Drilling. I and II

P. M. Khomikovskiy and E. I. Shilov

(Wilson Dam 2579)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Synthesis of Polyvinyl Foam in the Homogenous Medium, by S. N. Ushakov, O. B. Evo.
RUSSIAN, Per. Zh. Prik. Khim, Vol 19, No 9, 1946, pp 853-860.
NLL 5828.4F (11812)

Sci - Chem
Sept. 67

340,357

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Absorption of Carbon Dioxide by Ethanolamines
I. The Rate of Absorption of Carbon Dioxide by
Solutions of Mono-, Di-, and Triethanolamines, by
A. L. Shneerson, A. G. Laibush, 12 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XIX, No 9,
1946, pp 869-879.

SLA B-1873

Bel
Aug 58

70,844

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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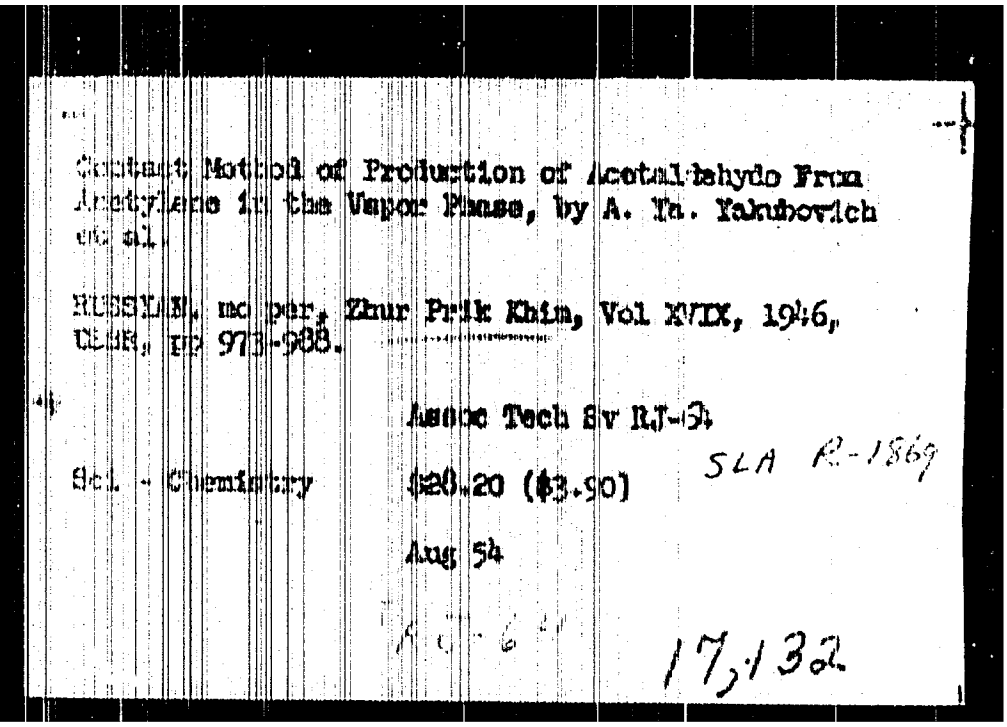

Catalytic Method of Production of Acetaldehyde From Acetylene in the Vapor Phase, by A. Ya. Yakubovich et al.

RUSSIAN, no per, Zhur Prik Khim, Vol XVIX, 1946, USSR, pp 973-988.

Amtorg Tech Sv RJ-34

Sci. - Chemistry $20.20 ($3.90)

Aug 54

SLA R-1869

17,132

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Derlev, N. K.
NEW METHOD OF MAKING GLASS ON BASIS OF SODIUM CHLORIDE IN PLACE OF SODA. [1962]
[29]p. 7 refs.
Order from: OTS or SLA $2.60 62-16465

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1946, v. 19, no. 9, p. 1007-1017.

DESCRIPTORS: Manufacturing methods, *Glass, *Sodium compounds, *Chlorides, Carbonates.

(Materials--Ceramics, TT, v. 3, no. 11)

62-16465

1. Derlev, N. K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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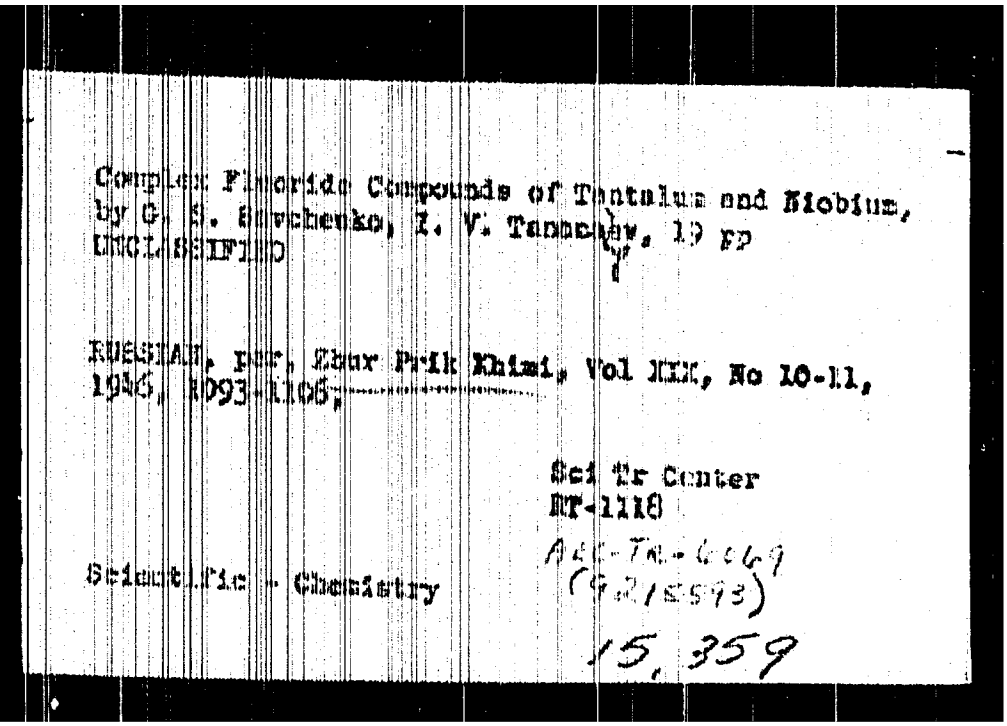

Complex Fluoride Compounds of Tantalum and Niobium,
by G. S. Bukhenko, I. V. Tananayev, 19 pp
UNCLASSIFIED

RUSSIAN, pub, Zhur Prik Khimi, Vol XIX, No 10-11, 1946, 1093-1105,

Sci Tr Center
MT-1118
AEC-Tr-6069
(PB 21593)
15,359

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Dehydrogenation of Ethylbenzene in Mixture with Xylene, by A.A. Balandin and G.M. Manukyan. RUSSIAN, per, Zhurnal Prikladnoi Khimii, 1946, Vol. 19, no. 12, pp.1277-1280. SLA-TT-64-20366

Chem
Aug 66

307, 620

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Zhur Prik Khim XI X, 1350-7, 1946

Physico-Chemical Analysis in the Field of the Hydrochloric Acid Treatment of Phosphates I. The System $CaO-P_2O_5-HCl-H_2O$

A. A. Lapenova and M. N. Shul'gina (Lab for Physico-chemical Analysis of the Sci Inst of Fertilizers and Insectofungicides, NIUIF)

(Withdrawn Dec 2012)

STAT 43-16429

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Oscillographic Study of Discharge in Pulsed X-Ray Tubes, by E. M. Beikhrudel, A. A. Samin, M. A. Litova, 6 pp.

RUSSIAN, per, Zhurnal Prikladnoi Fiziki, Vol XXI, No 7, 1951.

Amer Meteorol Soc
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Sci - Physics

May 60

11-5,8-50

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Effective Coefficient of Heat Transfer in Catalyst
Packing, by V. O. Bakhurov, G. K. Boreskov.

RUSSIAN, pub, Zhur Prik Khim, Vol XX, 1947.

CIA/FDD/K-146

Scientific - Chemistry

15,037

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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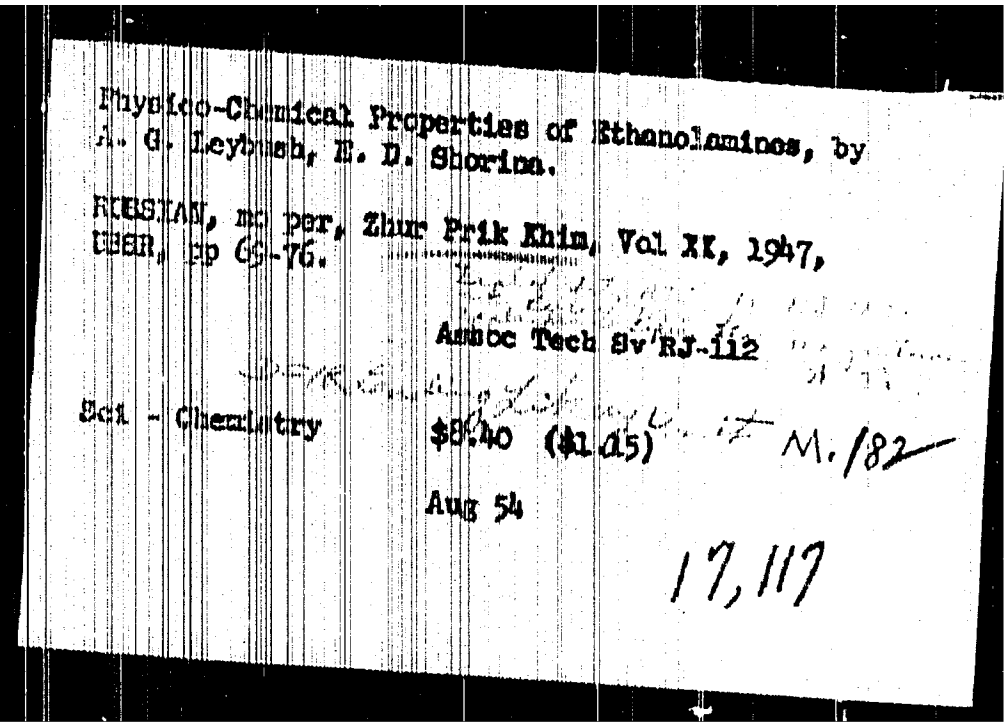

Physico-Chemical Properties of Ethanolamines, by
A. G. Leybush, E. D. Shorina.

RUSSIAN, mc per, Zhur Prik Khim, Vol XX, 1947,
USSR, pp 65-76.

Amboc Tech Sv RJ-112

Ref - Chemistry

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Aug 54

17,117

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Reduction of Nickel Silicate Minerals by Carbon Monoxide, by D. P. Bogatskiy, 15 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XX, No 1/2, 1947, pp 81, 88.

Sci Tr Center RT-2854

Scientific -- Chemistry; Min/Metals
Jan 56 CTS/dex

20, 2.13

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Hydrometallurgical Treatment of Alluvial Nickel Ores by the Ammoniacal Method, by D. P. Bogatskiy, A. S. Semenova, 19 pp.

RUSSIAN, mo per, Zhur Prik Khim, Vol XX, No 1/2, 1947, pp 89-96.

Sci Tr Center RT-2855

Scientific - Min/Metals
Jan 56 CTS/dex

30,212

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

The Condensation of Melamine and Formaldehyde and the Preparation of Melamine Formaldehyde Resins and Plastics From These Resins, by A. A. Vansheidt, Z. K. Maumova, N. E. Sorokina, 14 pp.

RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol XX, No 3, 1947, pp 163-169.

Sci Trans Center RT-3403

32,694

Scientific - Chemistry Apr 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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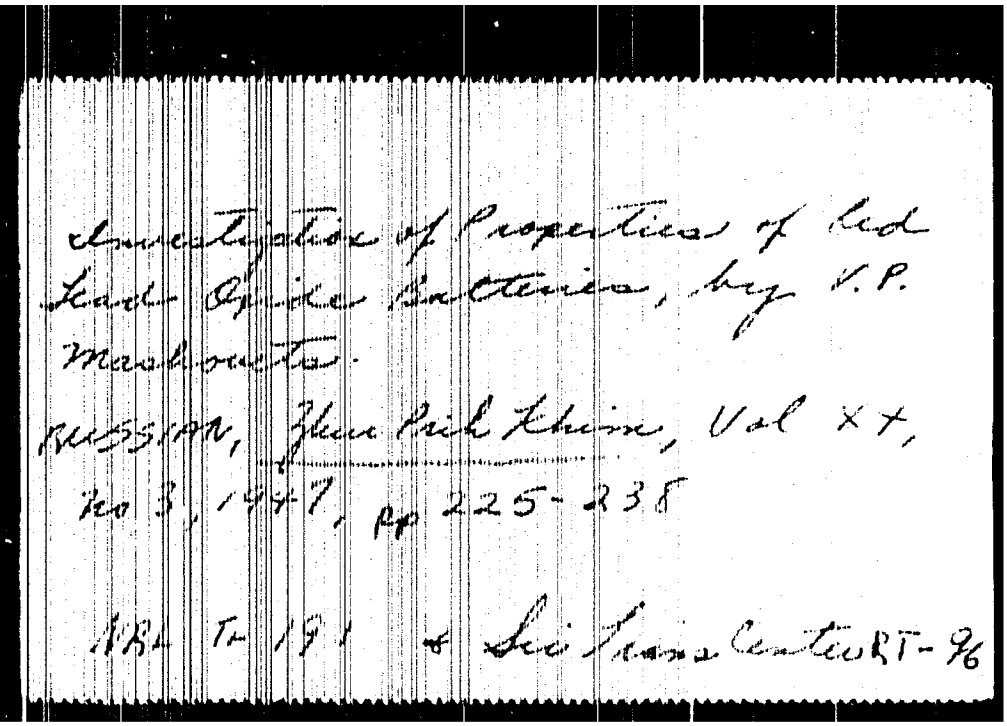

Constitution of Properties of Red
Land Glaze Ceramics, by V.P.
Mezentsev.
Russian, Plenum Publishing, Vol XX,
No 3, 1947, pp 225-238

RZh Tekh 1948 + Stekla Keramika RT-96

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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GORELOV, N. S.
AND OTHERS

Zhurnal Prikladnoi Khimii, vol. 20, No. 1, 8 figures, 2 tables, 1000 words; 1947.

Hardness of Chromium-impregnated Surfaces on Iron and Steel.

Britchbr Trans, Order No. 2022, 03.15.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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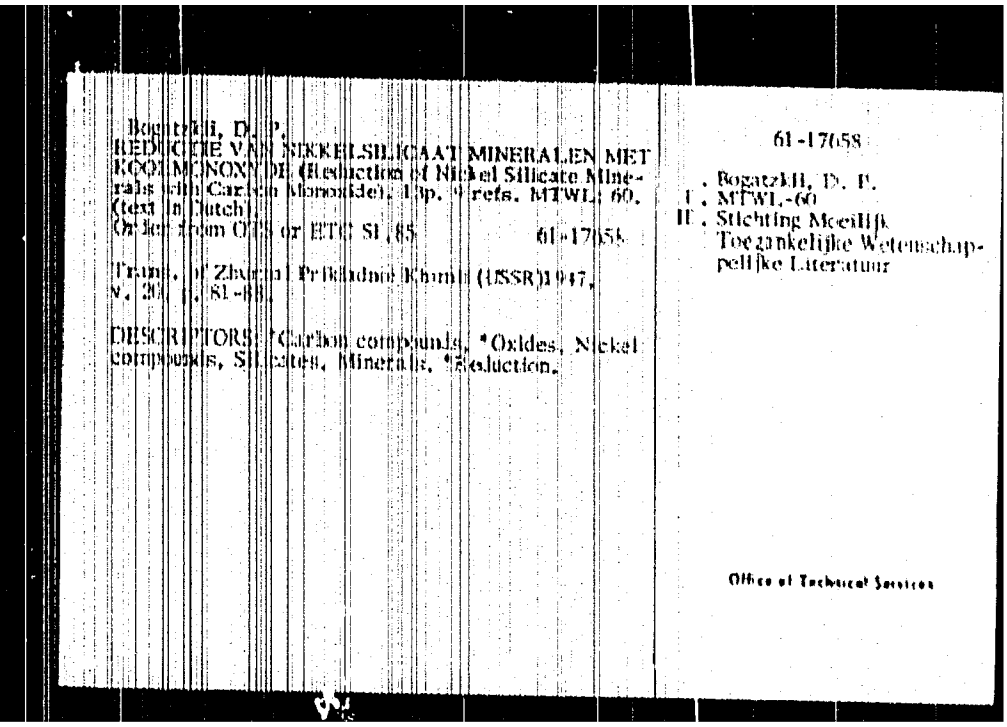

Bogatzkii, D. P.
REDUCTIE VAN NIKKELSILICAAT MINERALEN MET KOOLMONOXYDE (Reduction of Nickel Silicate Minerals with Carbon Monoxide). 13p. 9 refs. MTWL: 60. (text in Dutch).
Order from OTS or ETC SI.85 61-17058

Trans. of Zhurnal Prikladnoi Khimii (USSR)1947, v. 20[illegible], 81-88.

DESCRIPTORS: *Carbon compounds, *Oxides, Nickel compounds, Silicates, Minerals, *Reduction.

61-17058

I. Bogatzkii, D. P.
II. MTWL-60
III. Stichting Mechlijk Toegankelijke Wetenschappelijke Literatuur

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Hydrochemical Investigations in the Field of the Ammonia-Soda Process. IV. Kinetics of Crystallization of Sodium Bicarbonate Out of Supersaturated Solutions, by A. P. Belopol'skiy, F. G. Margolis,
15 pp.

USSR/, per, Zhur Prik Khim, Vol XX, No 4, 1947,
pp 331-344.

Sci Tr Center
RT-1594

Inorganic Chemistry

18,781

CTH/DMX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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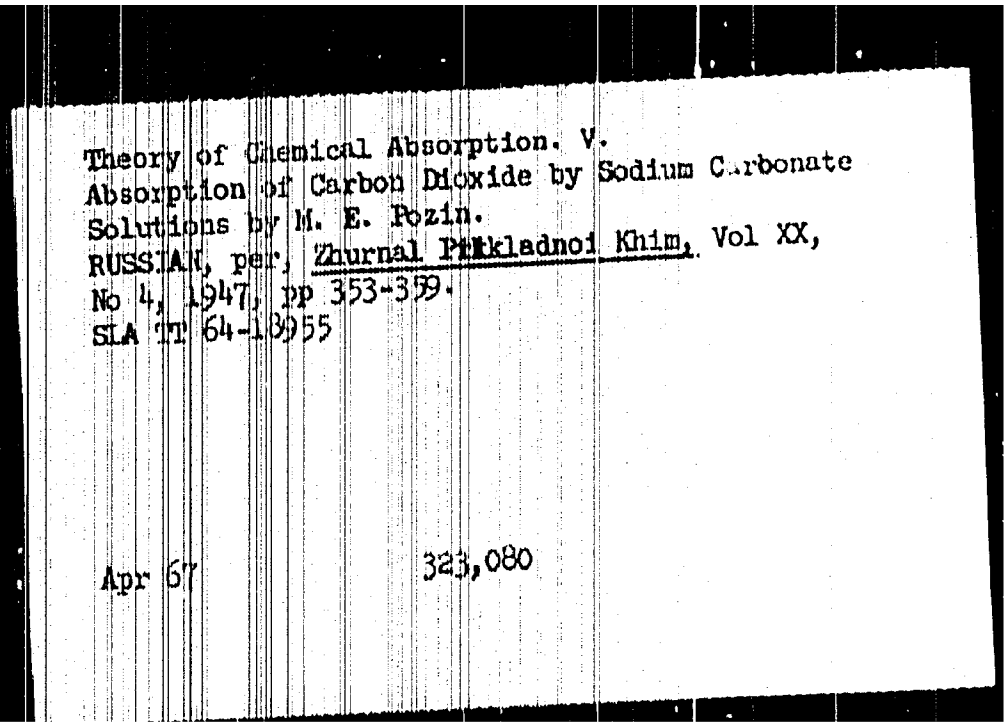

Theory of Chemical Absorption. V.
Absorption of Carbon Dioxide by Sodium Carbonate
Solutions by M. E. Pozin.
RUSSIAN, per: Zhurnal Prikladnoi Khim, Vol XX,
No 4, 1947, pp 353-359.
SLA TT 64-13955

Apr 67 323,080

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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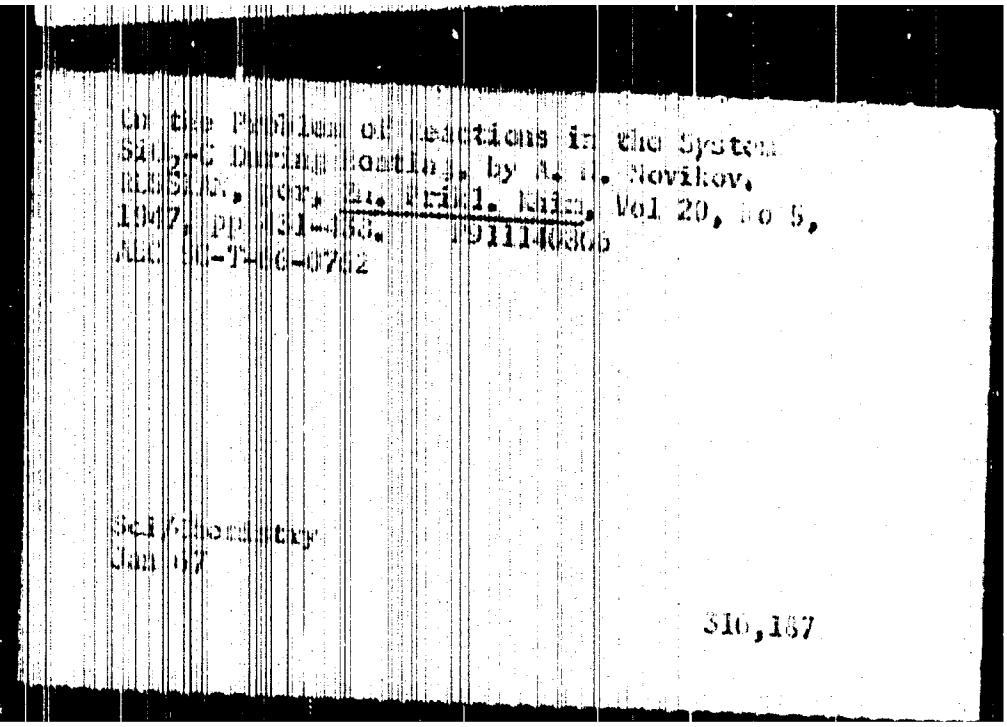


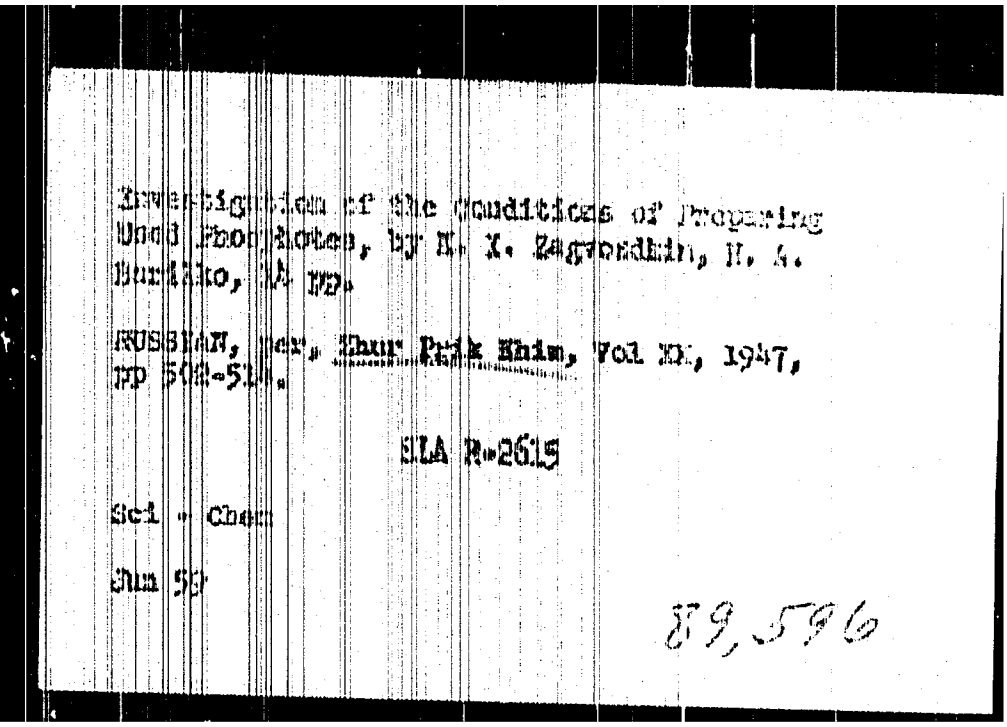
On the Problem of Reactions in the System
Si$_3$N$_4$-C During Heating, by A. V. Novikov,
Russ. ... Fiz. Khim., Vol 20, No 5,
1947, pp. 531-[illegible]. [illegible]
ALL [illegible]-1946-0702

Sci/Chemistry
Jan 67

316,167

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6



Investigation of the Conditions of Preparing Used Photoplates, by N. I. Zagrodskii, N. A. Burdiko, [illegible].

RUSSIAN, Zhur. Prik. Khim., Vol XX, 1947, pp 541-51.

ELA R-2615

Sci - Chem

Chm 58

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Pozin, M. E. and Opykhtin, M. A.
THE THEORY OF CHEMICAL ABSORPTION. V. THE ABSORPTION OF CHLORINE AND SULPHUR DIOXIDE BY SOLUTIONS OF CAUSTIC SODA; THE ABSORPTION OF CHLORINE BY BENZENE (Teoriya Khemosorbtsii. V. Absorbtsiya Khlora i Sernistogo Gaza Rastvorami Edkogo Natra; Absorbtsiya Khlora Benzolom). [1963] [23p] (foreign text included) 4refs
Order from OTS, JPRS, or ETC 5.2.60) TT-63-20162

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947, v. 20, no. 6, p. 623-631. (Abstract available)

DESCRIPTORS: *Absorption, *Chlorine, *Dioxides, *Sulfur compounds, *Sodium compounds, *Hydroxides, *Benzenes,

The correctness of the theoretically derived equations of kinetics of chemosorption was confirmed on a series of examples (absorption of chlorine and sulphurous gas (Chemistry)--Physical, TT, v. 11, no. 4) (over)

TT-63-20162

I. Pozin, M. E.
II. Opykhtin, M. A.
III. Title: Absorption...
IV. Title: Absorption...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Faraday's Law and Current Yield in the Electrolysis of Fused Salts. Part I. Influence of Temperature, by A. F. Alabyshev, 9 pp.

RUSSIAN, per, Zhur Prik Khim, H Vol XX, 1947, pp 550-562, summary in English, p 563.

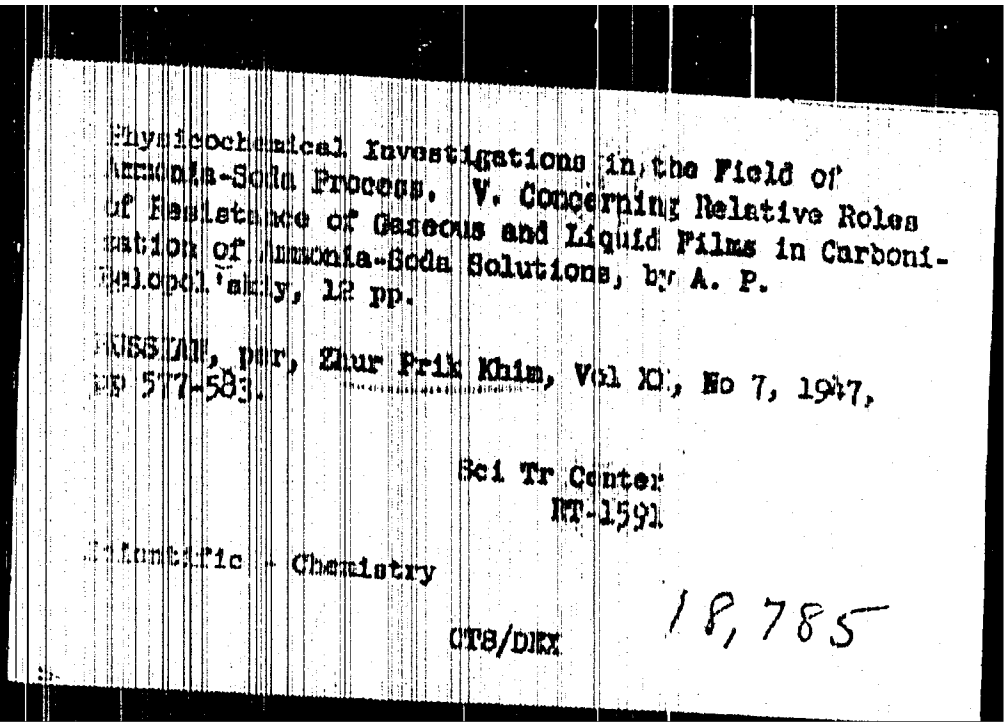
CIA/FDD/K-1247

Scientific -- Chemistry
CTS/DEK

10,063

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6



Physicochemical Investigations in the Field of Ammonia-Soda Process. V. Concerning Relative Roles of Resistance of Gaseous and Liquid Films in Carbonization of Ammonia-Soda Solutions, by A. P. [illegible], 12 pp.

[illegible], Fiz, Zhur Prik Khim, Vol XX, No 7, 1947, pp 577-583.

Sci Tr Center
MT-1591

Scientific - Chemistry

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Faraday's Law and Current Yield in the Electrolysis of Fused Salts. Part II. Influence of Current Density at the Electrodes, by A. F Alabyshev, 11 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XX, 1947, pp 597-604, summary in English, p 604.

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OTS PT-63-20431 (16pp)

Scientific - Chemistry
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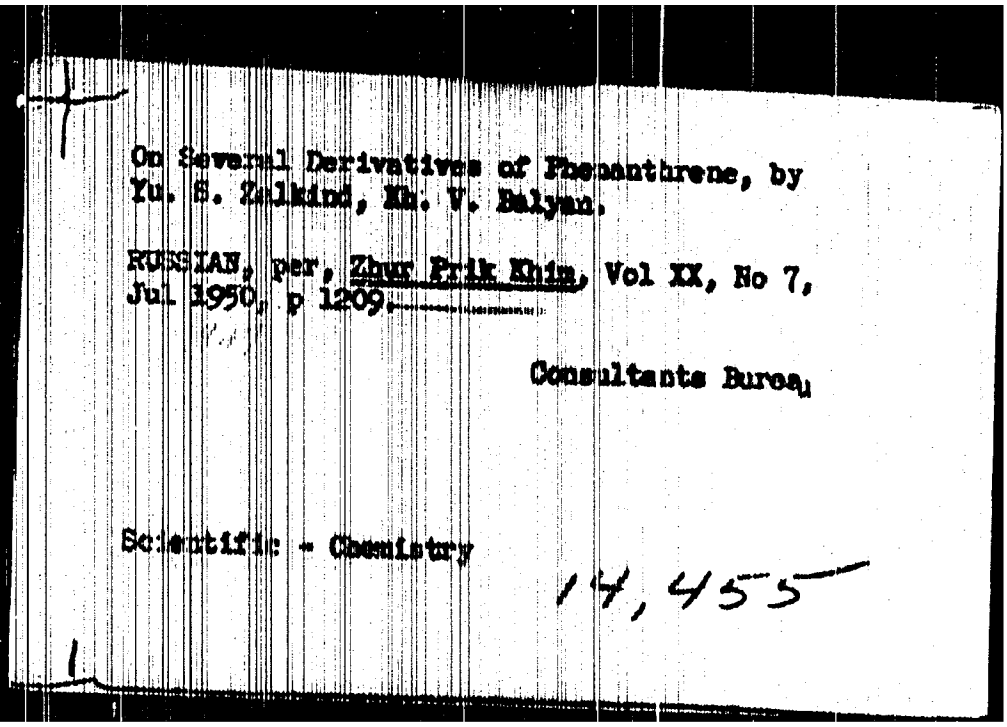
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6



On Several Derivatives of Phenanthrene, by
Yu. S. Zalkind, Kh. V. Balyan.

RUSSIAN, per, Zhur Prik Khim, Vol XX, No 7,
Jul 1950, p 1209.

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Scientific - Chemistry

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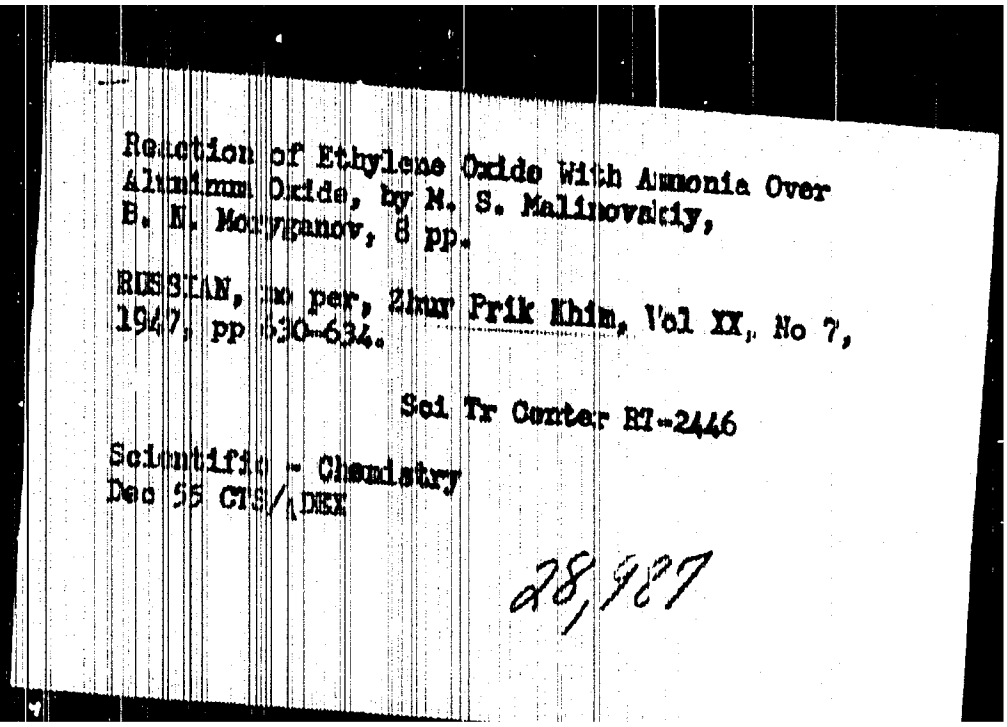

Reaction of Ethylene Oxide With Ammonia Over Aluminum Oxide, by M. S. Malinovskiy, B. N. Mostyganov, 8 pp.

RUSSIAN, [illegible] per, Zhur Prik Khim, Vol XX, No 7, 1947, pp 630-634.

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Scientific - Chemistry
Dec 55 CIS/ADX

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Resistance of an Electrolyte in a Bath as a Function of the Form, Dimensions, and Arrangement of the Electrodes. III. A Combination of a Flat Electrode and a Cylindrical one, by V. P. Mashovets, V. V. Chardyntsev, M. V. Malyutina, 19 pp, 1½va.
UNCLASSIFIED

RUSSIAN, per, Zhur Prik Khim, Vol. XX, No 7, 1947, pp 650-668.

OTS PB-63-20751
Sci Tr Center
RT-1801
Jan 55

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Scientific - Chemistry CIS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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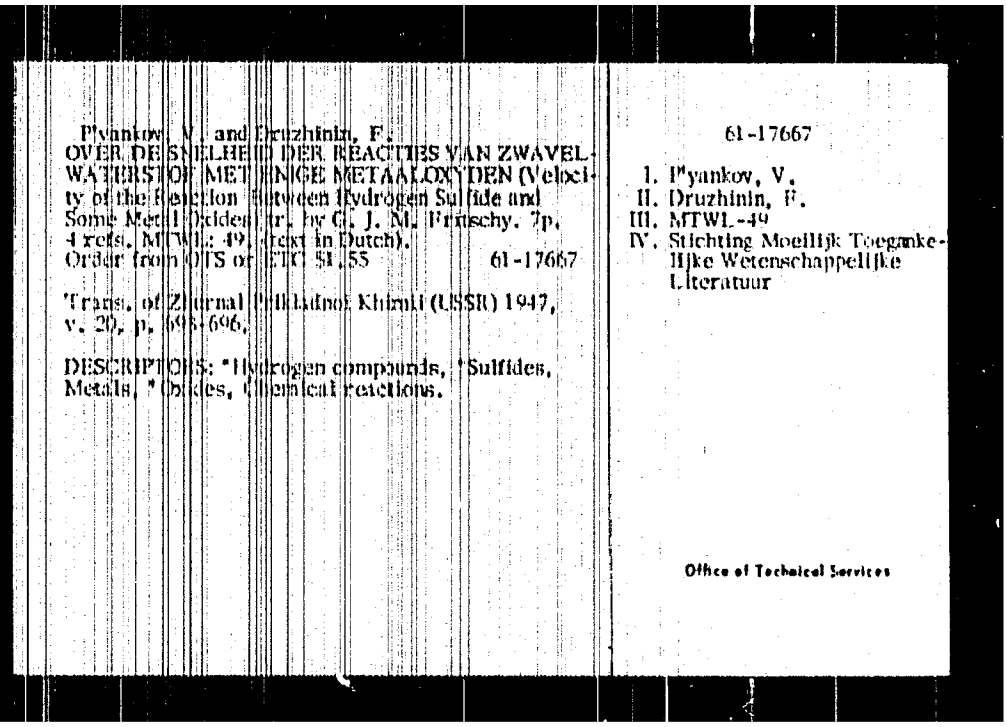

P'yankov, V., and Druzhinin, F.
OVER DE SNELHEID DER REACTIES VAN ZWAVEL-WATERSTOF MET ENIGE METAALOXYDEN (Velocity of the Reaction Between Hydrogen Sulfide and Some Metal Oxides) Tr. by G. J. M. Fritschy. 7p. 4 refs. MTWL: 49. (Text in Dutch).
Order from OTS or ETC $1.55 61-17667

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947, v. 20, p. 693-696.

DESCRIPTORS: *Hydrogen compounds, *Sulfides, Metals, *Oxides, Chemical reactions.

61-17667

I. P'yankov, V.
II. Druzhinin, F.
III. MTWL-49
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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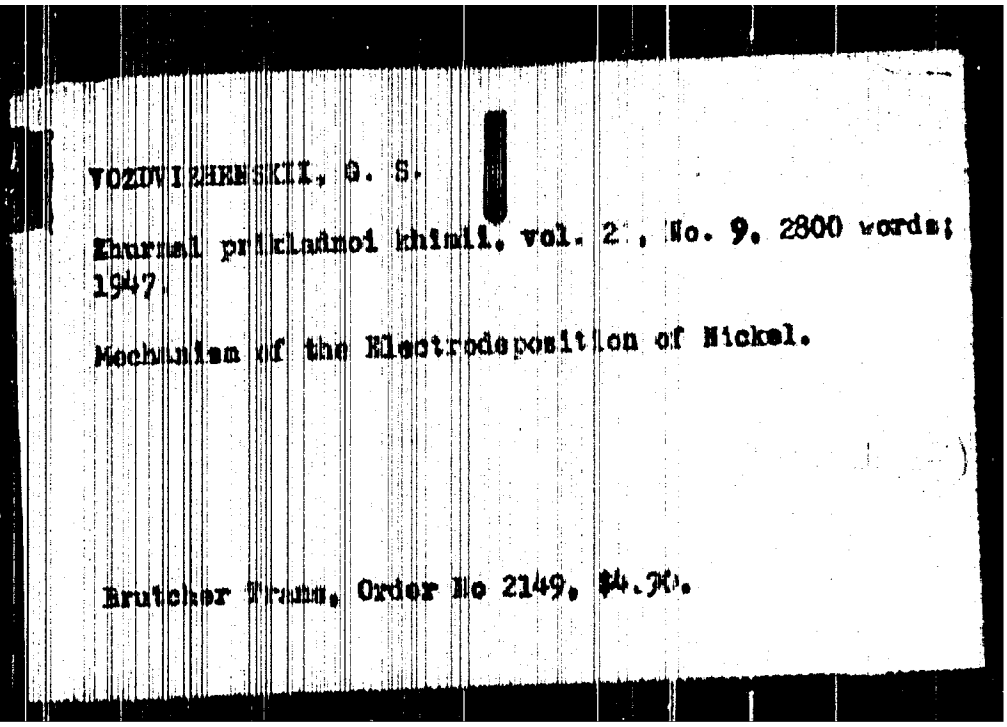

VOZDVIZHENSKII, O. S.

Zhurnal prikladnoi khimii, vol. 2, No. 9, 2800 words; 1947.

Mechanism of the Electrodeposition of Nickel.

Brutcher Trans. Order No 2149, $4.00.

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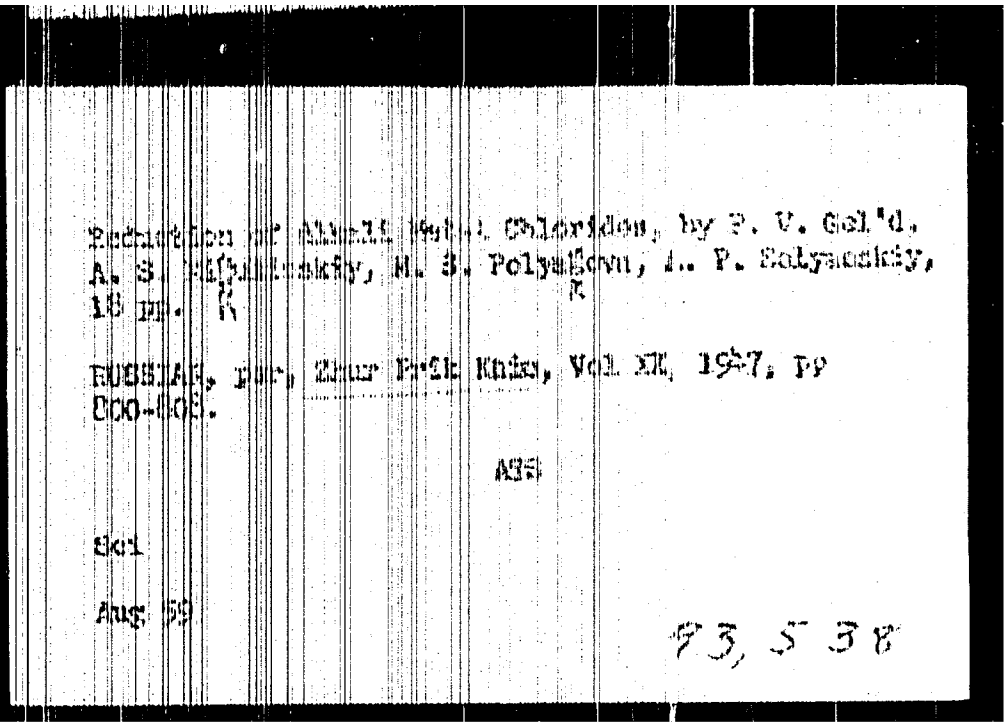

Reduction of Niobium (V) Chloride, by P. V. Gel'd, A. S. [illegible]skiy, M. S. Polyakov, L. P. Solyanskiy, 18 pp. K

RUSSIAN, Fiz. Khim. Perekh Khim, Vol XX, 1957, pp 1000-1003.

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Aug 59

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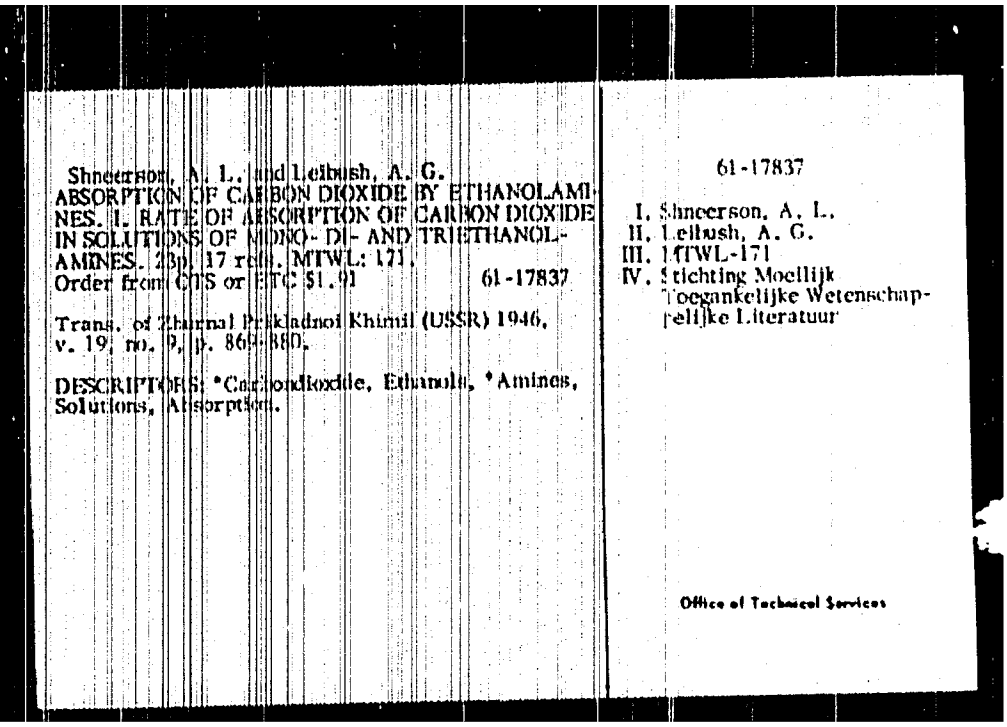
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6



Shneerson, A. L., and Leibush, A. G.
ABSORPTION OF CARBON DIOXIDE BY ETHANOLAMINES. I. RATE OF ABSORPTION OF CARBON DIOXIDE IN SOLUTIONS OF MONO- DI- AND TRIETHANOLAMINES. 23p. 17 refs. MTWL: 171.
Order from: CTS or ETC $1.91 61-17837

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1946, v. 19, no. 9, p. 869-880.

DESCRIPTORS: *Carbondioxide, Ethanols, *Amines, Solutions, Absorption.

61-17837

I. Shneerson, A. L.
II. Leibush, A. G.
III. MTWL-171
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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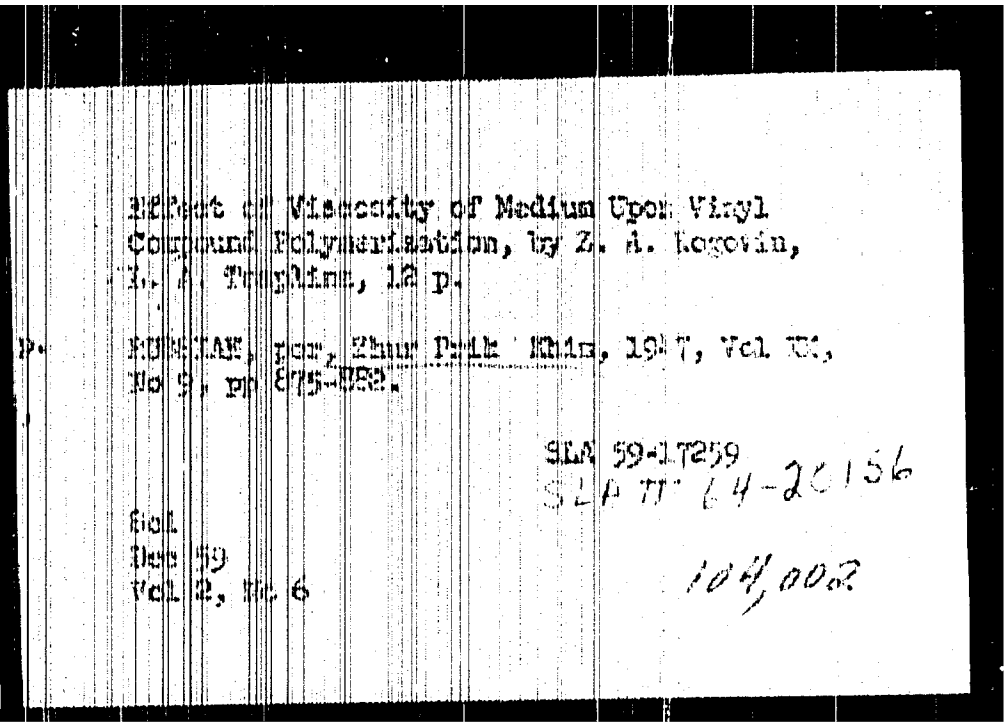

Effect of Viscosity of Medium Upon Vinyl Compound Polymerization, by Z. A. Rogovin, I. P. Tsyglina, 12 p.

P. KOLLOIDN. ZH., Zhur Prikl Khim, 1957, Vol XX, No 9, pp 875-880.

SLA 59-17259
SLA TT 64-20156

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Dec 59
Vol 2, No 6

104,002

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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Determination of Vitamin A in Presence of Nitric Acid Esters, by E. A. Rogovin, L. A. Tsaplina, [illegible]

ZHURNAL, per, Zhur Prik Khim, 1947, Vol XX, No 9, pp 883-886.

SLA 59-17260
OTS TT-62-20611

104,003

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Jan 59
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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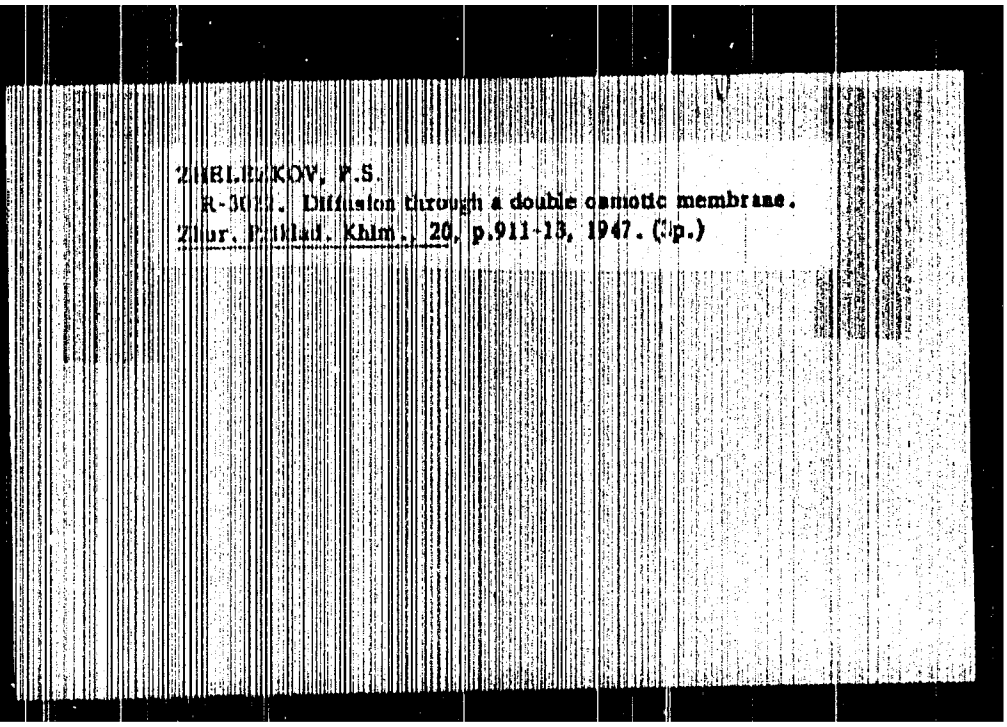


ZUBELEVICH, P.S.

R-3072. Diffusion through a double osmotic membrane.

Zhur. Prikl. Khim., 20, p.911-18, 1947. (2p.)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Pozin, M. E.
THE THEORY OF CHEMICAL ABSORPTION. VIII. ON THE COEFFICIENT OF THE RATE OF ABSORPTION. [1963] 17p (figs formulae omitted) 12refs
Order from OTS, SLA, or ETC $1.60 TT-63-18566

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947, v. 20, no. 10, p. 965-975. (Abstract available)
A trans. is available in Dutch from OTS or ETC $2.71 in TT-61-17957, MTW1-303, 43p.

DESCRIPTORS: *Absorption, *Kinetic theory, Diffusion, Absorbents, *Towers (Chemistry), Fluid flow.

There is established the regularity for the rate of mass-transmission through a diffusion layer of liquid in the form of a function of dimensionless criteria characterizing the physical, hydrodynamic and geometric conditions of work of a scrubber. The experiments which
(Chemistry-Physical, TT, v. 11, no. 4) (over)

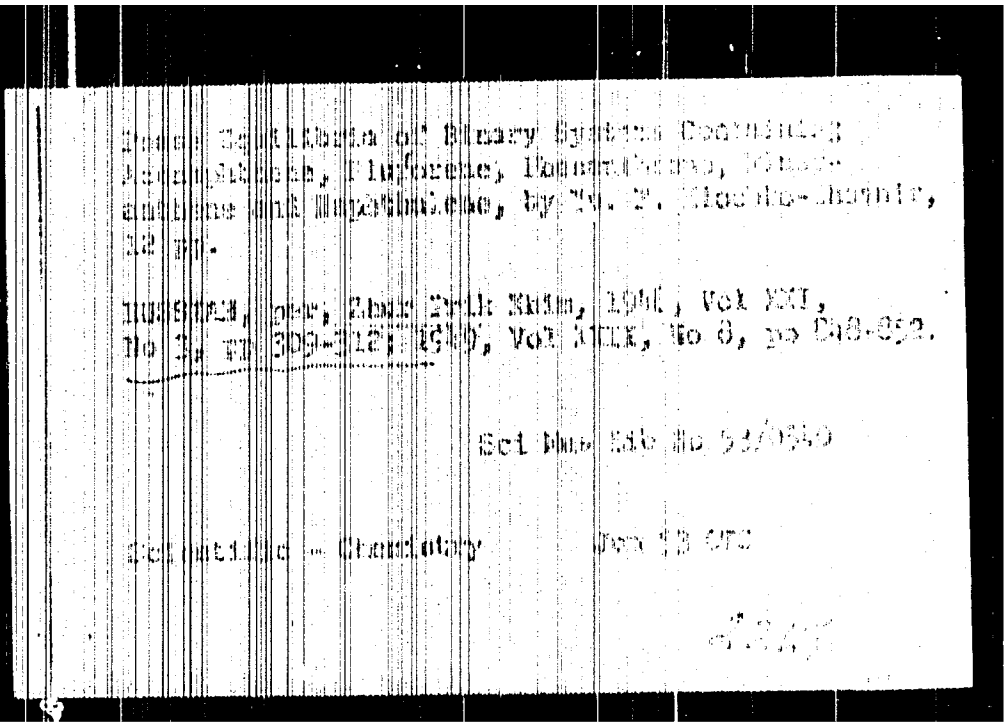
TT-63-18566

I. Pozin, M. E.
II. Title: Or...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6



APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Influence of Temperature and Moisture on the Corrosion of Metals in an Atmosphere of Sulfur Dioxide, by O. V. Zarubina, M. L. Turich, 10 pp.

RUSSIAN, Ref, Zhur Prikl Khim, Vol XXI, 1948, pp 362-371.

SIA R-2452

Sec1
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

The Nature of Heat Liberation in the Synthesis of Calcium Silicates, by P. I. Vanenin.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, 1948, pp 389-393. 7.7703

United Kingdom Scientific Mission
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Sci - Chemistry
Oct 57

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

ZHUR PRIKLAD KHIMII Vol XXI, No 4, 1948, 16 pp

"Effect of Impurities in a Lead-Antimony Alloy on the Work of the Grid of a Lead Storage Battery. I. Anode Corrosion of the Alloys" II. "The Kinetics of Errosion"

V. P. Mashovets
A. Z. Lyandres

Translation (32 pp) M. A. London R 1686-49
listed in abstracts of T. I. Documents
ONI FS 4320-49, 15 Aug 1949

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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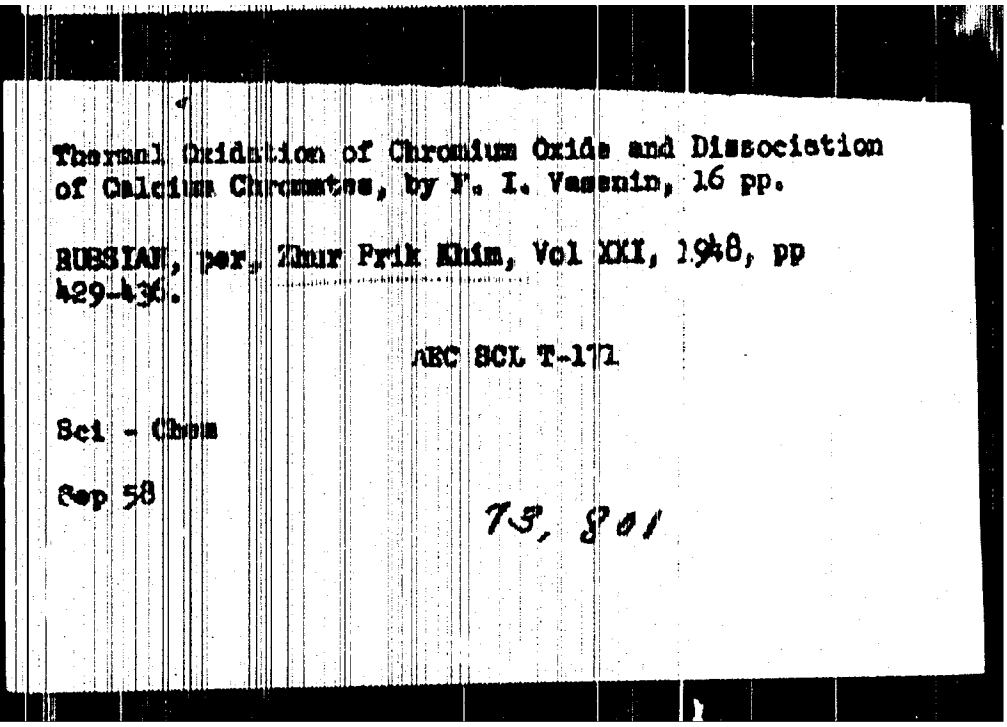

Thermal Oxidation of Chromium Oxide and Dissociation of Calcium Chromates, by F. I. Vassenin, 16 pp.

RUSSIAN, per. Zhur Prik Khim, Vol XXI, 1948, pp 429-436.

ABC SCL T-171

Sci - Chem

Sep 58

TS, 8701

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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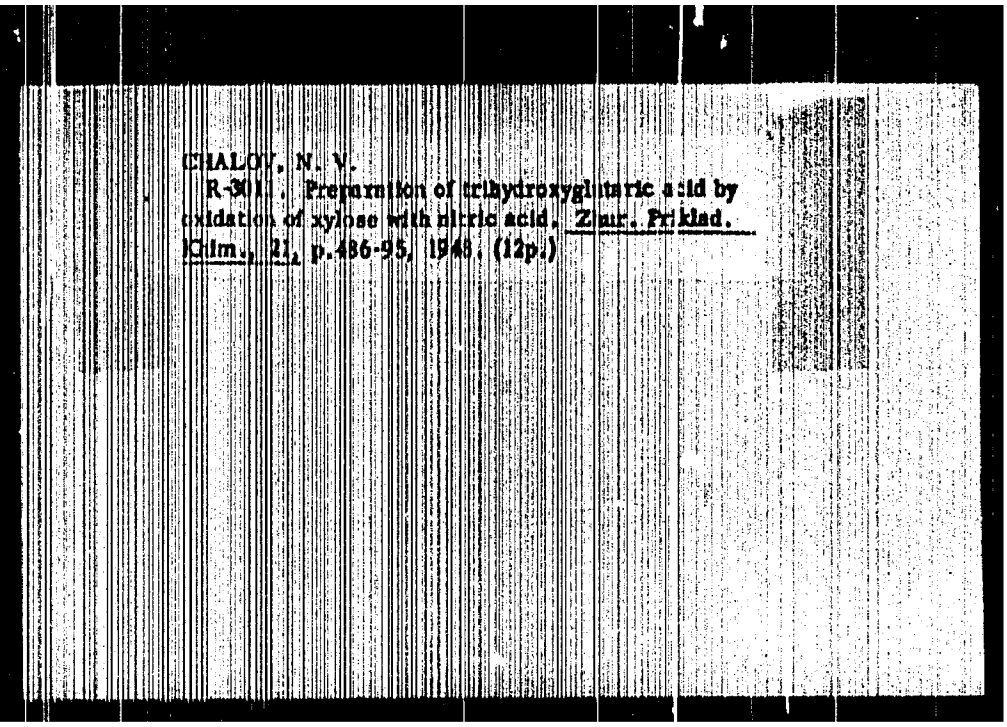

CHALOV, N. V.
R-3[illegible]. Preparation of trihydroxyglutaric acid by oxidation of xylose with nitric acid. Zhur. Prikład. Khim., 21, p.486-95, 1948. (12p.)

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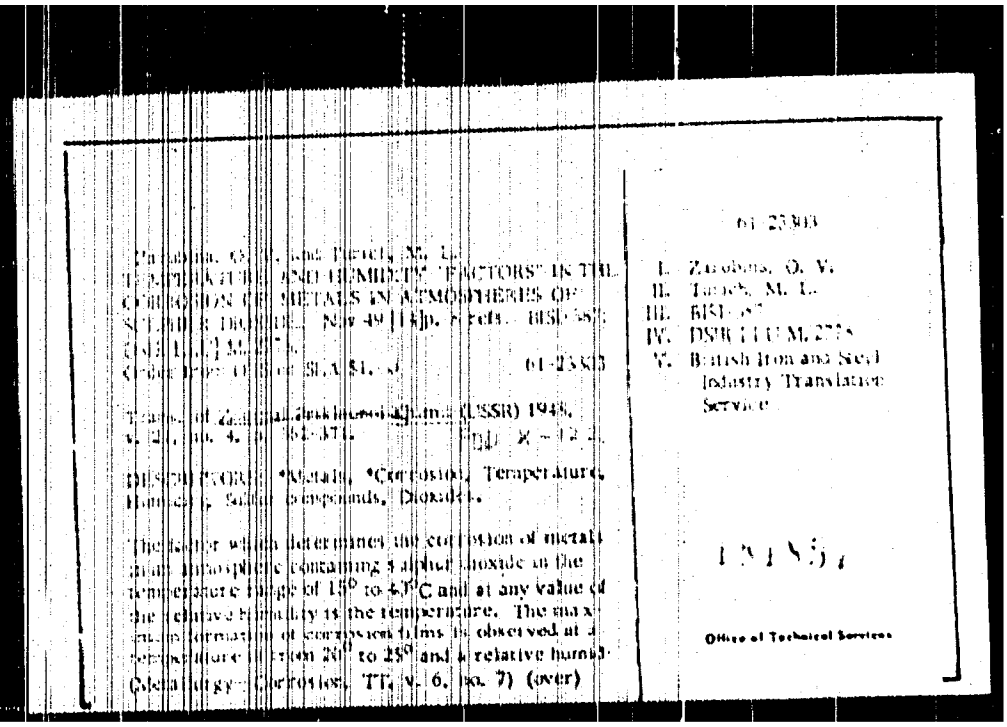

61-23303

I. Zavodova, O. V.
II. Tarasov, M. I.
III. BISI
IV. DSIR FIAT M. 2728
V. British Iron and Steel Industry Translation Service

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The Primary Source of Acetic Acid in the Thermal Decomposition of Deciduous Wood, by S. S. Ermolayeva, 6 pp.

RUSSIAN, Zhur, Zhur Prik Khim, Vol XXI, 1948, pp 543-547.

SLA R-3012

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On the Action of Water Upon Amino Plastics, by
A. A. Vansheidt, Z. K. Naumova,
RUSSIAN, per, Zh. Prik Khim, Vol 21, No 6, 1948,
pp 644-654.
NLL 5828.4P (11688)

Sci - Phys
Sept. 67 340,372

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

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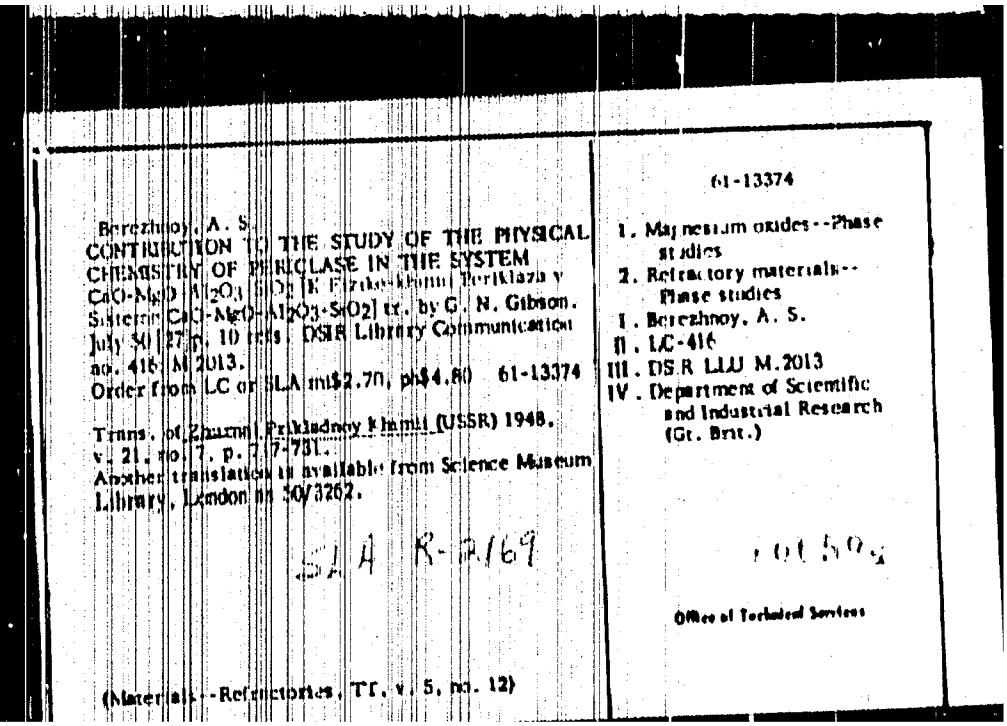

Berezhnoy, A. S.
CONTRIBUTION TO THE STUDY OF THE PHYSICAL CHEMISTRY OF PERICLASE IN THE SYSTEM CaO-MgO-Al_2O_3-SiO_2 [K Fizicheskoĭ khimii periklaza v sisteme CaO-MgO-Al_2O_3-SiO_2] tr. by G. N. Gibson. July 50 [27 p. 10 refs. DSIR Library Communication no. 416 M 2013.
Order from LC or SLA m$2.70, ph$4.80 61-13374

Trans. of Zhurnal Prikladnoy Khimii (USSR) 1948. v. 21, no. 7, p. 717-731.
Another translation is available from Science Museum Library, London m 50/3262.

SLA R-2169

(Materials--Refractories, TT, v. 5, no. 12)

61-13374

1. Magnesium oxides--Phase studies
2. Refractory materials--Phase studies
I. Berezhnoy, A. S.
II. LC-416
III. DSIR LIU M.2013
IV. Department of Scientific and Industrial Research (Gt. Brit.)

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Current Yield of Electrolyzing Fused Salts, by A. L. Rotinyan, 15 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, 1948, pp 755-764.

CIA/WDD/X-1259

Scientific - Chemistry
CTB/DEL

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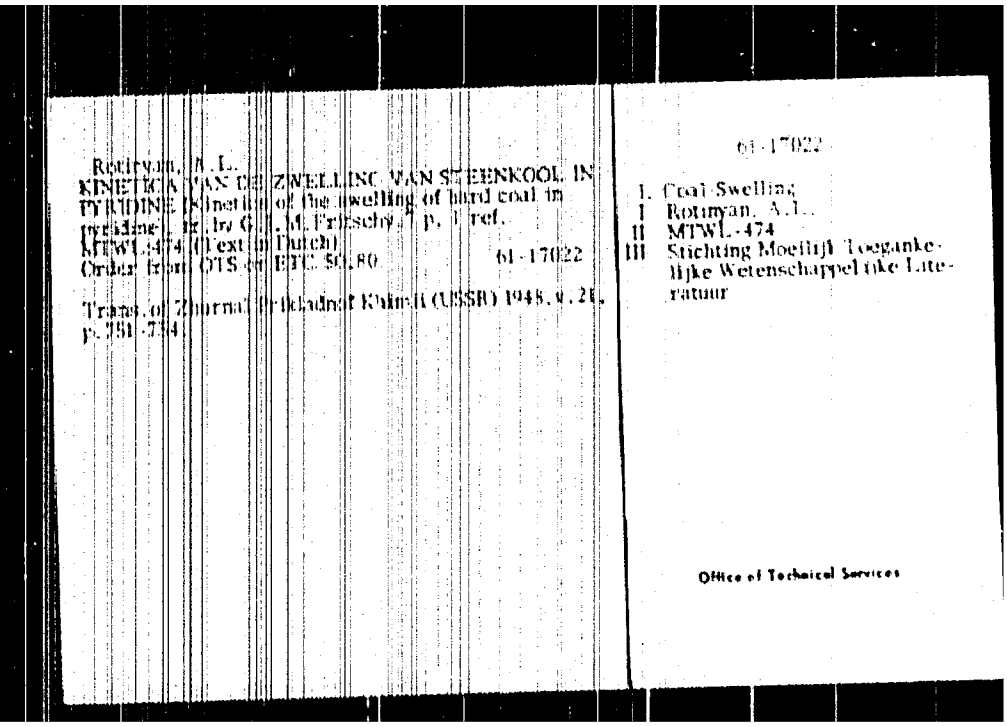

Rotmyan, A. L.
KINETICA VAN DE ZWELLING VAN STEENKOOL IN PYRIDINE [Kinetics of the swelling of hard coal in pyridine]. tr. by G. M. Fritschy. 7 p. 1 ref.
MTWL-474 (Text in Dutch)
Order from OTS @ $0.10 61-17022

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1948, v. 21, p. 751-754

61-17022

1. Coal-Swelling
I Rotmyan, A.L.
II MTWL-474
III Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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To the Question of Studying High-Percentage Ferrosilicon, by A. A. Trots, M. S. Maksimenko, 10 pp.

RUSSIAN, Zhur Prik Khim, Vol XXI, No 7, pp 775-780, 1948.

Morris D. Friedman T-124

Sci - Chem
Aug 48

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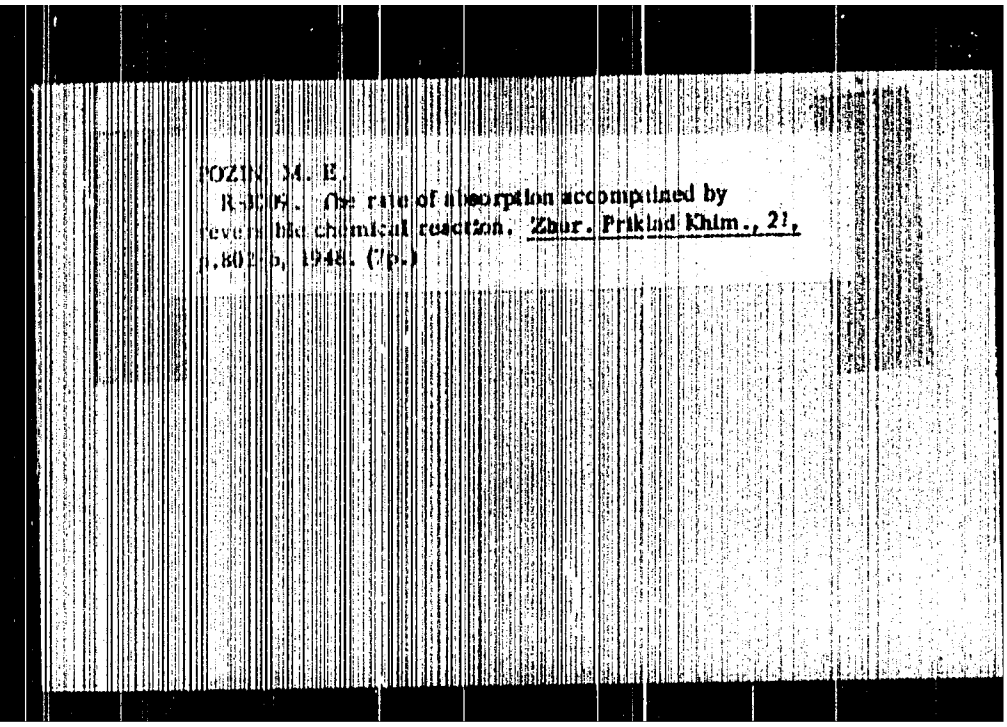
APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6



POZIN, M. E.

R-3178. On rate of absorption accompanied by reversible chemical reaction. Zhur. Prikind Khim., 21, 1,80[illegible]b, 1948. (7p.)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660079-6

Mitkevich, G. P.

THE RELATIONSHIP BETWEEN FROTHING PROPERTIES AND THE SIZES OF BUBBLES. [1960] [5]p. 9 refs. Warren Spring Lab. Trans. NT739; M1347. Order from LC or St.A mi$1.80, ph$1.80 60-17182

Trans. of Zhurn. Prikladnoi Khimii (USSR) 1948, v. 21, no. 8, p. 816-819.

An optical method is suggested for studying the dynamics of the formation and disintegration of the mass of froth as a whole. For a given frother and selected operating conditions a definite range exists, which contains the bubble size with the highest stability. A study is made of the kinetics of changes in the excess pressure inside the bubbles during formation and disintegration of the froth. (Author)

(Engineering--Chemical, TT, v. 5, no. 4)

60-17182

1. Flotation--Physical factors
2. Bubbles--Growth
3. Mitkevich, G. P.
I. OSIR NT-739
II. OSIR LLU M.1347
IV. Department of Scientific and Industrial Research (Gt. Brit.)

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Kinetics of Reactions in the Formation of Aluminates and the Contribution of Mineralizers to the Process., by V. F. Marrayev, K. G. Lesokhin, P. G. Tempelman, (USP 951)

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The Rate of Absorption of Carbon Dioxide by Hydroxide Solutions, by M. M. E. Y. Turkhan, 13 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXI, 1948, pp 927-936.

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AEC Tr 1184

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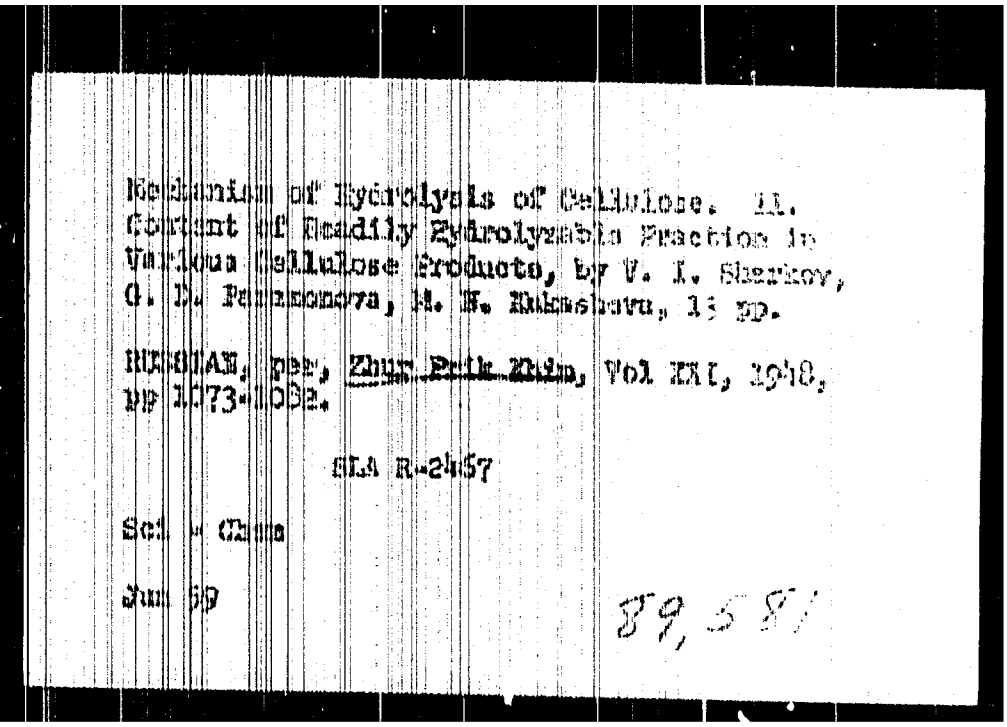

Mechanism of Hydrolysis of Cellulose. II. Content of Readily Hydrolyzable Fraction in Various Cellulose Products, by V. I. Sharkov, O. D. Permanova, M. F. Kukharva, 13 pp.

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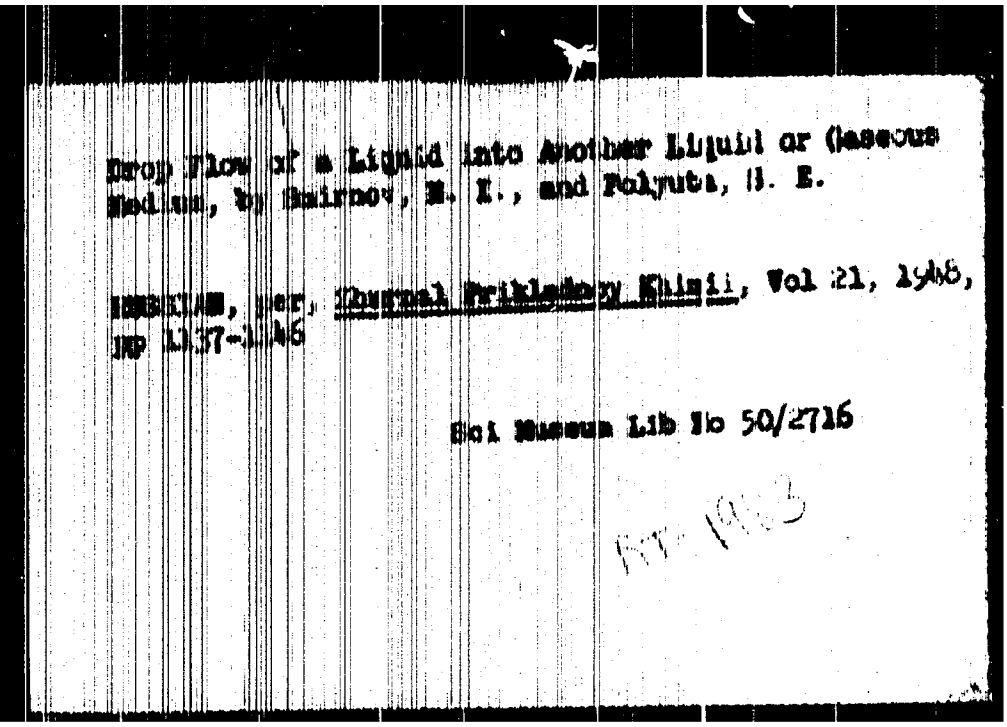

Drop Flow of a Liquid into Another Liquid or Gaseous Medium, by Zhirnov, N. I., and Polyuta, N. E.

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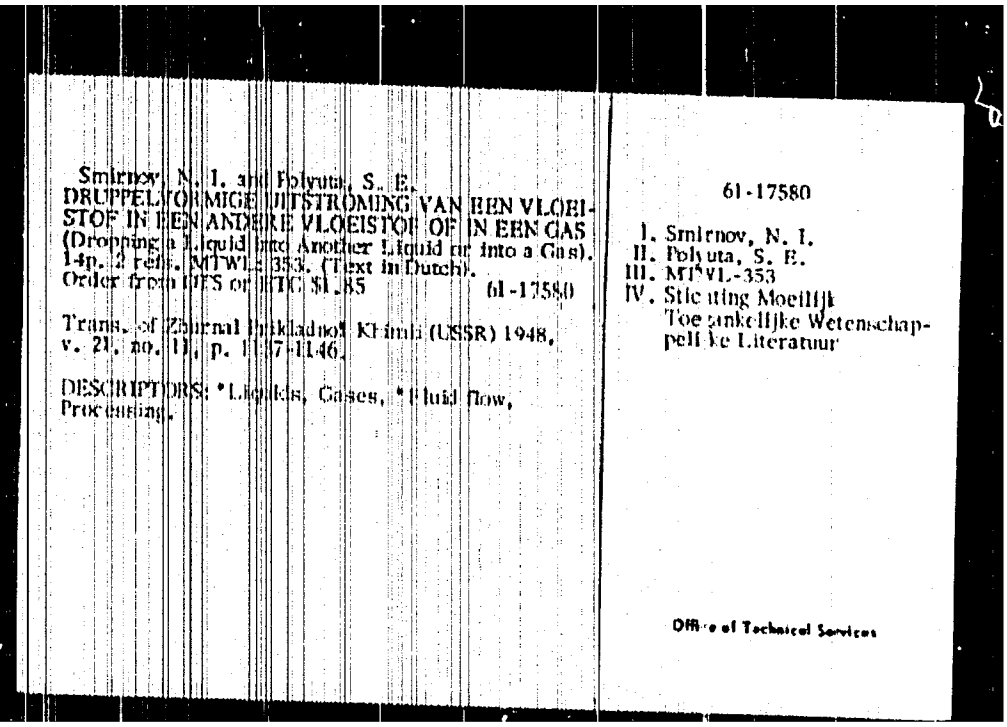

Smirnov, N. I. and Polyuta, S. E.
DRUPPELVORMIGE UITSTROMING VAN EEN VLOEISTOF IN EEN ANDERE VLOEISTOF OF IN EEN GAS
(Dropping a Liquid into Another Liquid or into a Gas).
14p. 2 refs. MTWL-353. (Text in Dutch).
Order from OTS or ITC $1.85 61-17580

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1948, v. 21, no. 11, p. 1137-1146.

DESCRIPTORS: *Liquids, Gases, *Fluid flow, Processing.

61-17580

I. Smirnov, N. I.
II. Polyuta, S. E.
III. MTWL-353
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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Rate of Absorption of Carbon Dioxide by Hydroxide,
by M. B. Neiman.

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Dept of Interior
National Coal Bd Tr A 1181/M
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Central Experiment Station
Pittsburgh, Pa

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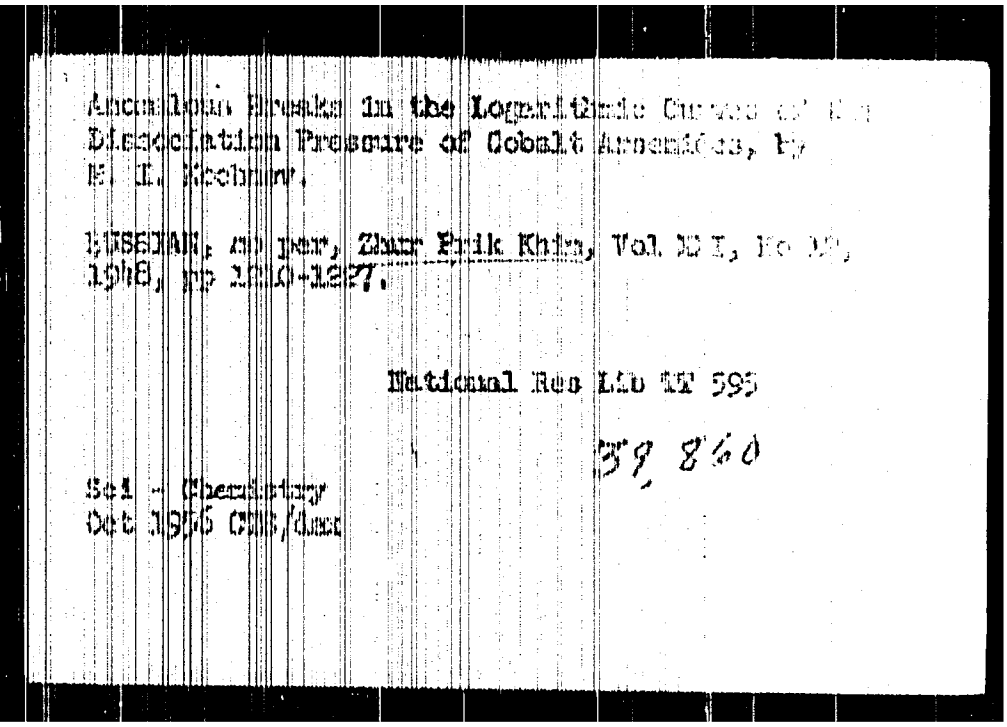

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Dissociation Pressure of Cobalt Arsenides, by
E. I. Rashba.

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National Res Lib UT 595

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The Equilibrium System of Silicon Oxide, by P. V. Gel'd, M. I. Kochnev.

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Rate of Reduction of Silica by Carbon, Carborundum, Ferrosilicon and Crystalline Silicon - P. V. Gel'd, A. G. Kologreeva, N. N. Serebrennikov.

Full translation.

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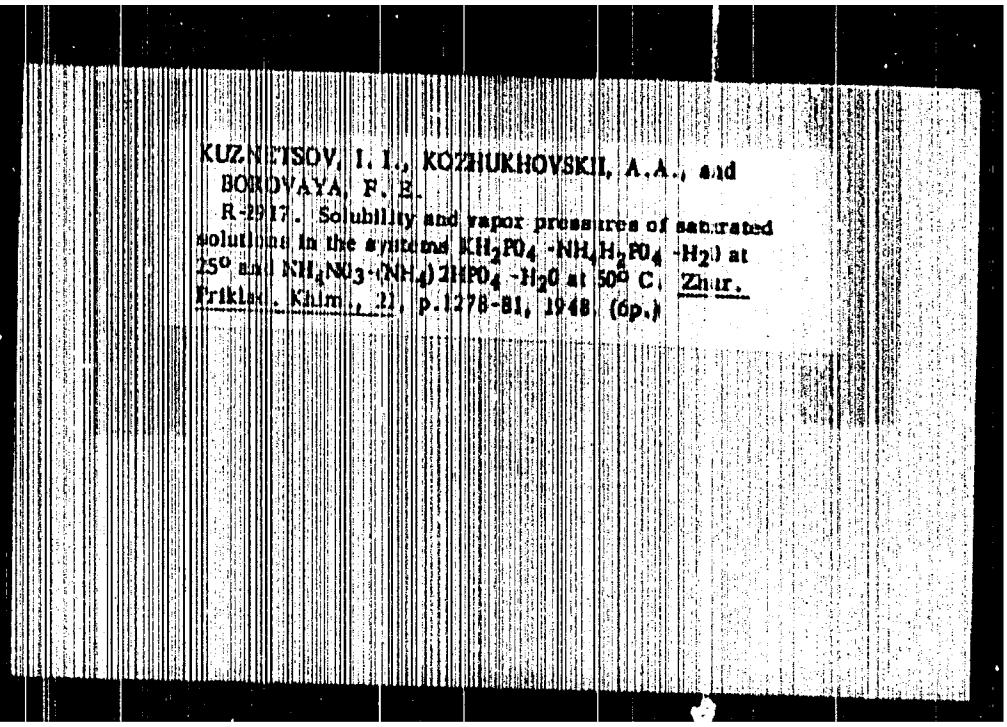

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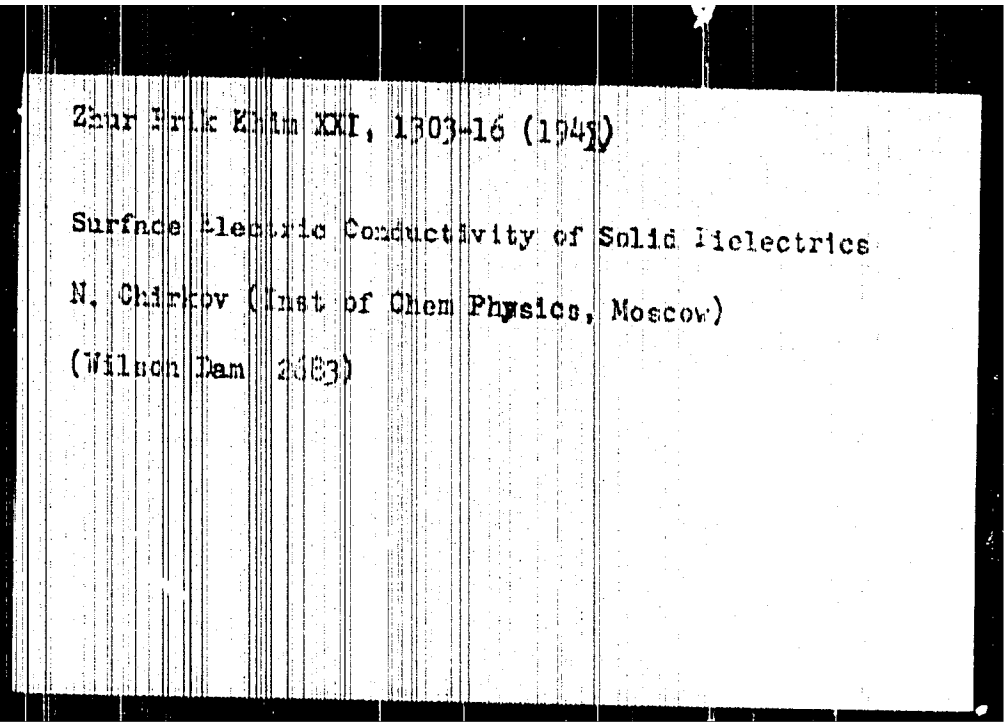

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Surface Electric Conductivity of Solid Dielectrics

N. Chirkov (Inst of Chem Physics, Moscow)

(Wilson Dam 2683)

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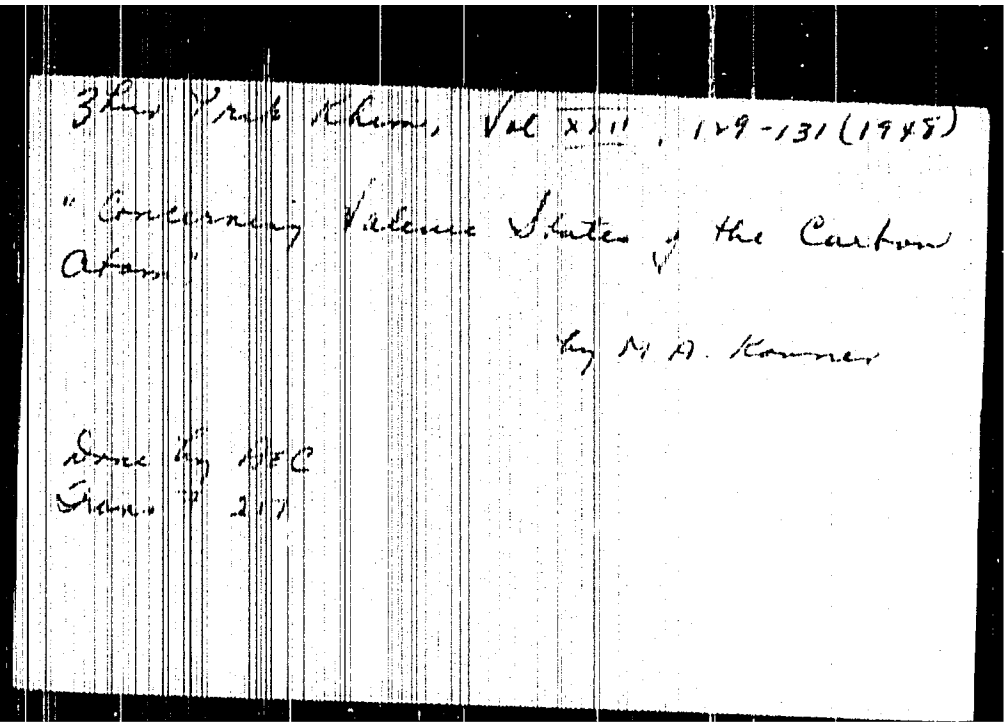

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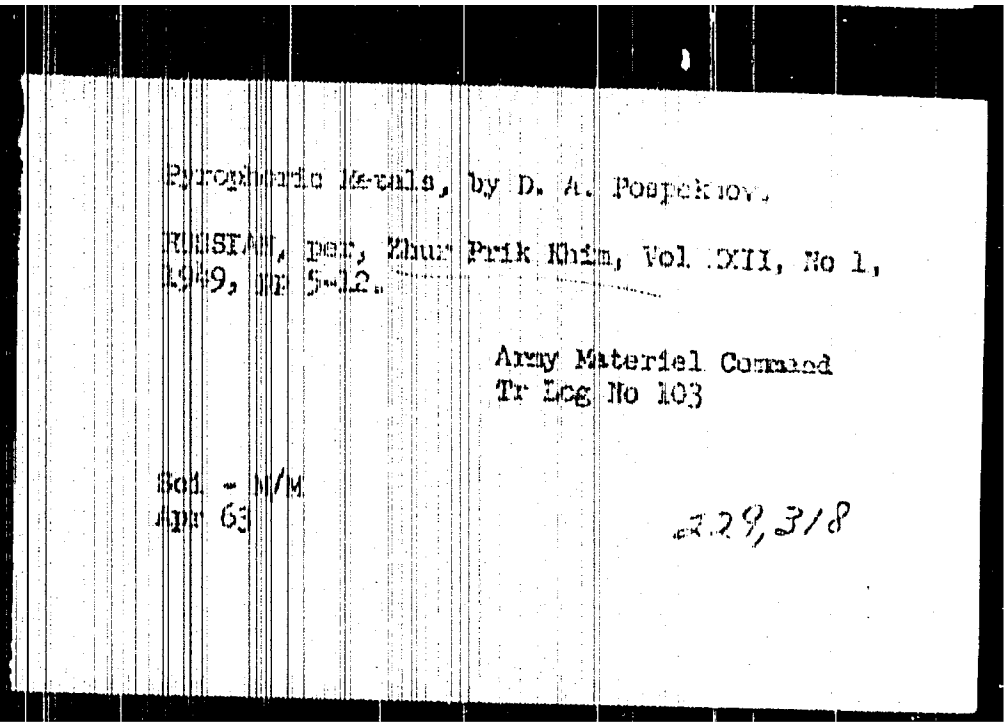

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Army Materiel Command
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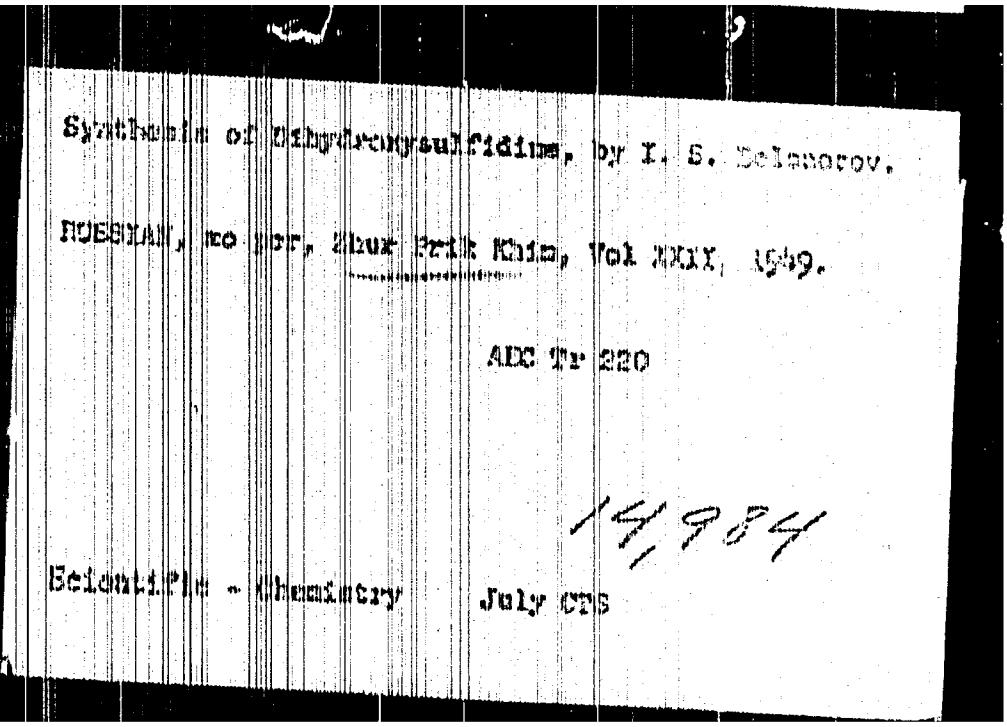

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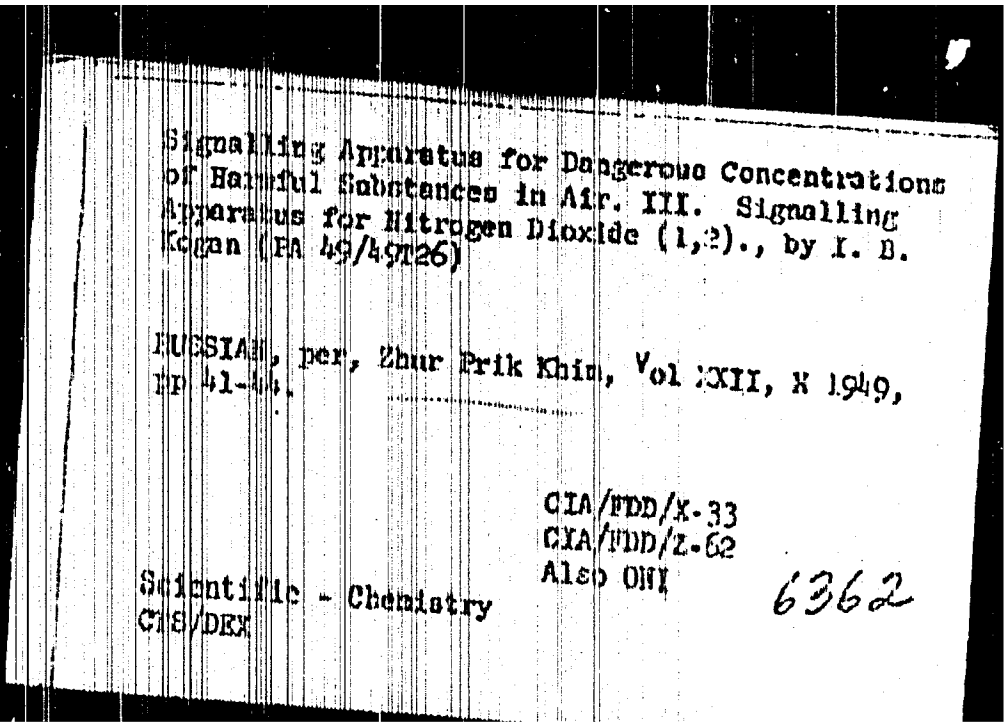

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Certain Problems of the Mechanism of Color Development, by A. V. Dromberg, Yu. B. Vilenskiy, 15 pp.

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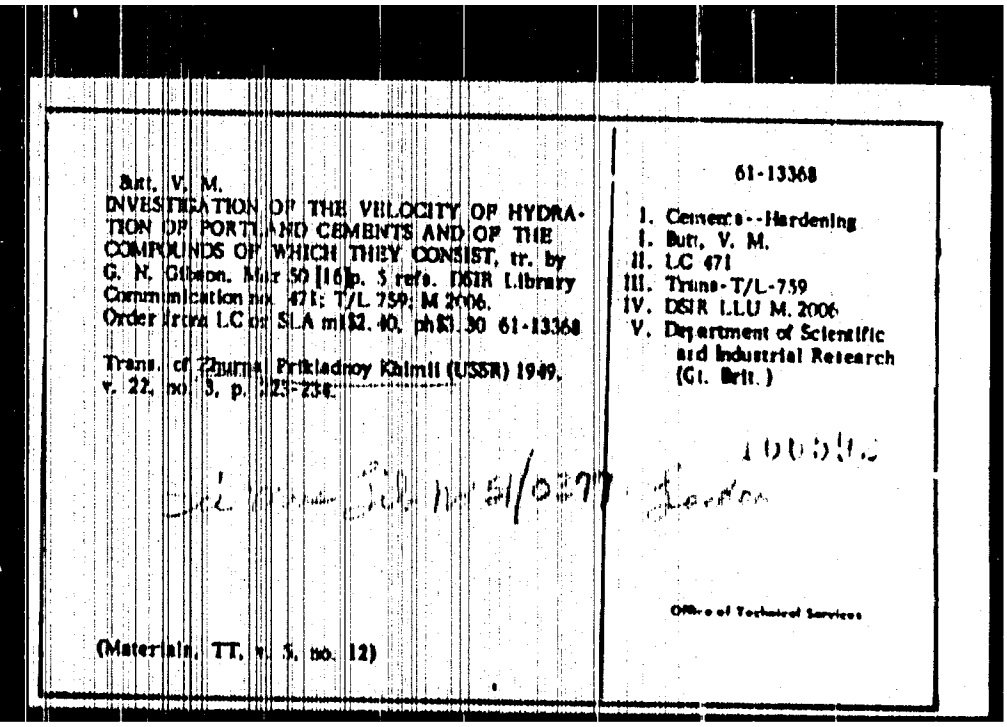

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Order from LC as: SLA m$2.40, ph$3.30 61-13368

Trans. of Zhurnal Prikladnoy Khimii (USSR) 1949, v. 22, no. 3, p. 235-238.

(Materials, TT, v. 5, no. 12)

61-13368

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I. Butt, V. M.
II. LC 471
III. Trans-T/L-759
IV. DSIR I.LU M. 2006
V. Department of Scientific and Industrial Research (Gt. Brit.)

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Chemical Resistance of Glass, by N. K. Dertev et al.

RUSSIAN, no pub, Zhur Prik Khim, Vol XXII, No 3, 1949, USSR, pp 235-239.

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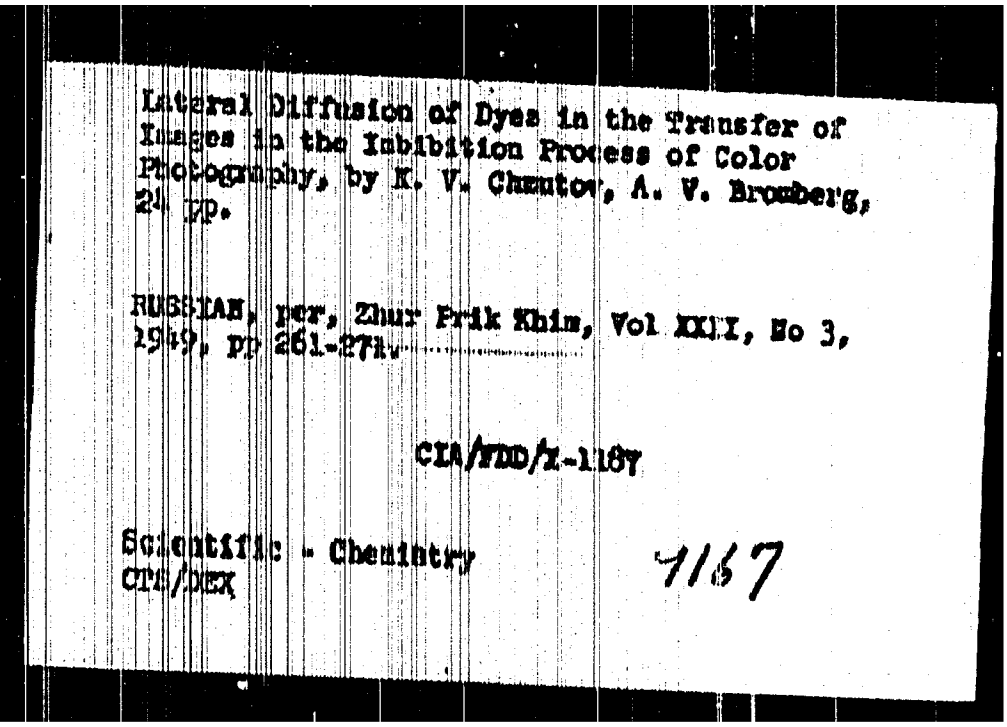

Lateral Diffusion of Dyes in the Transfer of Images in the Imbibition Process of Color Photography, by K. V. Chmutov, A. V. Bromberg, 21 pp.

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The Solubility Isotherm of the System K_2SO_4--Na_2CO_3--NaCl--NaOH--H_2O, by L. A. Itkina, 12 pp.

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Kuz'min, L. L. and Kiseleva, V. L.

Electrolytic production and properties of iron powder.

Avail at BNL AECtr 467 - 2 June 5,

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KISELEVA, V. L.

Zhurnal prikladnoi khimii, vol. 22, 1949, No. 3.,
pp 311-318; 8 figures, 3 tables, 3600 words.

Production of Iron Powder by Electrolysis and Properties of Such Powder.

British Trans. Order No. 2188. $3.00.

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SLA R-2224

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